

Huster Substation Pilot Study Low Flow/Pressure Injection Soils Application Work Plan

Huster Road Substation (OU4)

St. Charles, MO 63301

Prepared for

Ameren Missouri

1901 Chouteau Avenue

St. Louis, MO 63103



Engineering • Construction • EH&S • Energy
Waste • Facility Services • Laboratory

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October 2025

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**Ameren Missouri
1901 Chouteau Avenue
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Prepared by

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1. INTRODUCTION

Loureiro Engineering Associates (Loureiro) has prepared this Work Plan to describe how, during the upcoming Spring 2026 substation maintenance outage, Ameren Missouri (Ameren) proposes a pilot test to treat subsurface soils impacted by chlorinated volatile organic compounds (CVOCs) through a new application method at the Huster Substation (Substation). As explained in the Clay/Silt Source Zone ISCO Treatment Design Memorandum (Loureiro 2025) ("Design Memorandum"), the removal of Transformer #2 provides an opportunity to address previously inaccessible impacted soils. The application process described herein differs from previous in-situ treatments at the Substation. Unlike previous treatments, the methodology proposed in this Work Plan utilizes a low-flow, low-pressure delivery mechanism administered through a tightly spaced injection well network to maximize the treatment area to be saturated with permanganate. The density of permanganate (relative to water) encourages oxidant migration via naturally existing cracks and crevices, thereby mimicking the probable transport path of CVOCs. In addition, the low pressure allows permanganate to penetrate the clay pore space to treat residual CVOCs.

A low-flow injection rate (0.0039 gallons per minute, 5.6 gallons per day) allows for a steady and slow saturation of the treatment area. This continuous saturation, in combination with the low-flow rate, low-pressure application approach, maximizes potential residence time for permanganate contact with the CVOCs in the clay and delivery of oxidant mass into the clay zone while limiting the potential for additional fractures in the cohesive soils.

To confirm the efficacy of this approach and using Substation specific soil data, Loureiro conducted bench scale evaluations and modeling to assess the distribution and retention level of permanganate and degradation of CVOCs within the substation soils. In addition, laboratory tests evaluated the impact of permanganate on subsurface EHC[®] Zero Valent Iron (ZVI) based Permeable Reactive Barriers (PRBs) at the Substation. Those evaluations are described more fully below and confirm that the use of permanganate as described in this Work Plan does not degrade the existing PRBs nor result in impacts to City supply wells CW-04 and CW-05. Upon completion of the soil application, groundwater CVOC concentrations will be monitored, and confirmatory soil samples will be collected in the treated area to evaluate treatment efficacy.

2. SUBSTATION OVERVIEW

2.1 Contaminants Identified in Treatment Area

The following CVOCs have been identified in groundwater beneath and adjacent to the treatment area: tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-DCE), and vinyl chloride (VC), as well as "J" values of acetone and toluene. Groundwater data from January through August 2025 indicate concentrations of cis-1,2-DCE and VC in groundwater range from 0.2 J µg/L near Transformer #2 to 151 µg/L at MW-03 located in the northwest corner of the Substation. Soil sampling from 2023 indicates concentrations of PCE and TCE (a by-product of PCE), ranging from the highest detections of 25.2 µg/kg (ISCO-9) and 98.2 µg/kg (ISCO-9) respectively. The suspected cause of CVOC impacts is historical usage of a cleaning agent in the vicinity of Transformer #2. A safety data sheet (SDS) for the cleaning agent is provided as **Attachment A**.

2.2 Substation Lithology

The lithology of the Substation consists of a granular surface constructed of 1-3 feet of limestone rock, a copper earthing grid, and 1-2 feet of sand base. Beneath the base are natural clays and silts with a thickness of approximately 28-32 feet. These generally low permeability soils have intermixed, discontinuous narrow lenses (stringers) of trace to moderate sand, and the silt composition increases at depth. The lower 1-2 feet of the unit is primarily silt. Underlying the low permeability soils is a sand aquifer to an anticipated depth of 110 feet to bedrock contact. Beneath transformer #2, a large sump area extends to a depth of 8-10 feet below ground surface (bgs). The sump is filled with 3–4-inch sized limestone rock. The confined / semi-confined shallow groundwater at the Substation is generally encountered at a depth of 16-20 feet bgs; however, shallower thin discontinuous perched zones may be infrequently encountered, especially near the sump.

3. LOW-FLOW ISCO TREATMENT METHOD

3.1 Chemical Oxidation Process

As described in the Design Memorandum, in-situ chemical oxidation (ISCO) is a treatment mechanism that reduces concentrations of residual CVOCs when contacted with the ISCO reagent within the low permeability soils overlying the sand aquifer of the Substation. As described in this Work Plan, the controlled injection of permanganate under low-flow and low-pressure pumping conditions into a network of closely spaced injection wells optimizes contact with the residual CVOCs entrained in the low permeability soils thereby enabling chemical reactions within the soil. Sodium permanganate is a non-specific chemical oxidant that is particularly effective in the destruction of CVOCs to innocuous end products.

In the treatment of chlorinated ethenes (tetrachloroethylene or perchloroethylene - PCE), sodium permanganate acts as a strong oxidizing agent, facilitating the oxidative degradation of the target substance. In this reaction, sodium permanganate replaces chlorine atoms in PCE, producing manganese dioxide (MnO_2), carbon dioxide (CO_2), and sodium chloride ($NaCl$). The reduction of manganese in sodium permanganate forms manganese dioxide, while dechlorination of PCE releases carbon dioxide. The chemical reaction described above mitigates environmental contamination and transforms harmful chlorinated ethenes into less hazardous byproducts thereby mitigating spread in groundwater and soil. This oxidant can be used safely over a wide range of pH values and does not require any additional amendments or catalysts. USEPA has approved prior applications using higher injection rates at the Substation. A SDS for sodium permanganate is provided in **Attachment B**.

3.2 Prior Permanganate Applications at the Substation

Ameren's pilot study activities previously utilized at the Substation are summarized in the SRIR report submitted to EPA on August 14, 2025, and include the use of the following technologies:

- Groundwater Extraction Treatment System (GETS)
- In Situ Chemical Oxidation (ISCO)
- In Situ Chemical Reduction (ISCR)

- In Situ Bioremediation (ISB)

As outlined in the Design Memorandum, permanganate-based ISCO treatments were previously applied at a pressure rate ranging from 0 to 75 psi, via direct injection into existing wells (MW-39, MW-40, MW-41) and injection points located within the cohesive soils at the Substation in 2014, 2015 and 2018 (See **Attachments F & G** for reports on these injections).

Previous ISCO applications entailed higher injection pressure coupled with more widely spaced injection wells to reach a large area of influence in a shorter time period. The sodium permanganate application method outlined in this work plan differs from previous in-situ treatments at the Substation because it is a low-flow, low-pressure (approximately 3 to 5 psi) application process administered through a tightly spaced injection well network. This network allows for a slow, but consistent and steady, diffusion/flow of permanganate which will maximize contact with impacted source material while minimizing the potential for migration of permanganate into groundwater.

4. BENCH SCALE AND MODELING EVALUATIONS

Loureiro has conducted bench scale analysis and modeling of permanganate using Substation-specific soil and EHC[®] material used in the PRB barriers, and Site-specific hydraulic modeling

The evaluations conducted include:

- Site-specific reaction kinetics and behaviors with clay
- Reactivity of permanganate with EHC[®]
- Modeling of groundwater transport from the sand/clay interface near the Substation.

The analysis indicates the following:

1. Concentrations below 10 g/L sodium permanganate degrade quickly in contact with Site clays and are therefore localized to the radius near the injection point location and are unlikely to migrate any significant distance into the groundwater;
2. Higher concentrations of permanganate (above 10 g/L) can persist in the treated soils for weeks and are likely to increase oxidative mass flux beyond the final injection radius of influence through diffusion once the injection stops;
3. Permanganate will have little to no impact on the effectiveness of the existing PRB barriers and their ability to treat groundwater; and
4. Even with highly conservative (unrealistic) assumptions (i.e. direct injection into the sand layer over a one-year period), permanganate will not reach the City Supply Wells at a detectable concentration.

Details regarding Loureiro's bench scale laboratory analysis and modeling are provided in the subsections below.

4.1 Kinetic Reaction in Soil - Extent of Oxidative Treatment

Loureiro implemented a laboratory treatability test to identify the kinetic reaction of permanganate in the presence of Substation clays. Three (3) clay composite substation soil samples were collected from PZ-16 at a depth of 15 to 25 bgs to determine the reaction kinetics for the target treatment zone. Typically, the injection concentration kinetics drives the experimental design; however, due to the reliance on diffusive transport and reaction in a low-flow application, lower concentrations were also tested to estimate the extent of oxidative treatment that can be achieved beyond the initial injection radius.

To test the extent of treatment beyond the injection radius of influence, five (5) concentrations of sodium permanganate (100 g/L, 50 g/L, 10 g/L, 1 g/L, and 0.1 g/L) were tested in duplicate reactors. The upper range (100 g/L) represents the injection concentration and highest level that could make immediate contact with CVOCs in site soils. As this upper injection concentration reacts with soils/contaminants and dilution with pore groundwater occurs, it will result in lower concentrations as the injection continues over time and permanganate is dispersed radially. The low range reactor (0.1 g/L) was selected as permanganate treatment stalls at approximately 0.05 g/L and therefore, transport below 0.1 g/L is unlikely to produce additional treatment. The intended injection concentration for this project is 100 g/L.

Permanganate testing occurred over a one-month period (August 28 through September 23, 2025). Below is a summary of observations and likely implications of such observations with respect to project implementation:

- The permanganate persists in the clay with no negative side effects.
 - o No heat or pressure was generated.
- Within the first day of reaction, nearly all the dosed permanganate had been used in the 1 g/L and 0.1 g/L reactors.
 - o This indicates that there may be little to no diffusion or treatment below the delivery of 1 g/L permanganate. This provides for injection control within the cohesive unit.
- The 10 g/L reactor persisted through the first day of reaction but was nearly depleted by Day 4.
 - o This suggests treatment could likely occur at 10 g/L, but that little diffusion beyond this point is likely to occur.
- The 100 g/L and 50 g/L reactors decreased to 73 g/L and 27 g/L of sodium permanganate, respectively, over 33 days. The fitted first order decay rates were 0.009 per day and 0.018 per day for the 100 g/L and 50g/L reactors, respectively.

Figure 1 depicts the testing results as concentration against time for the area below the injection zone and above the sand unit.

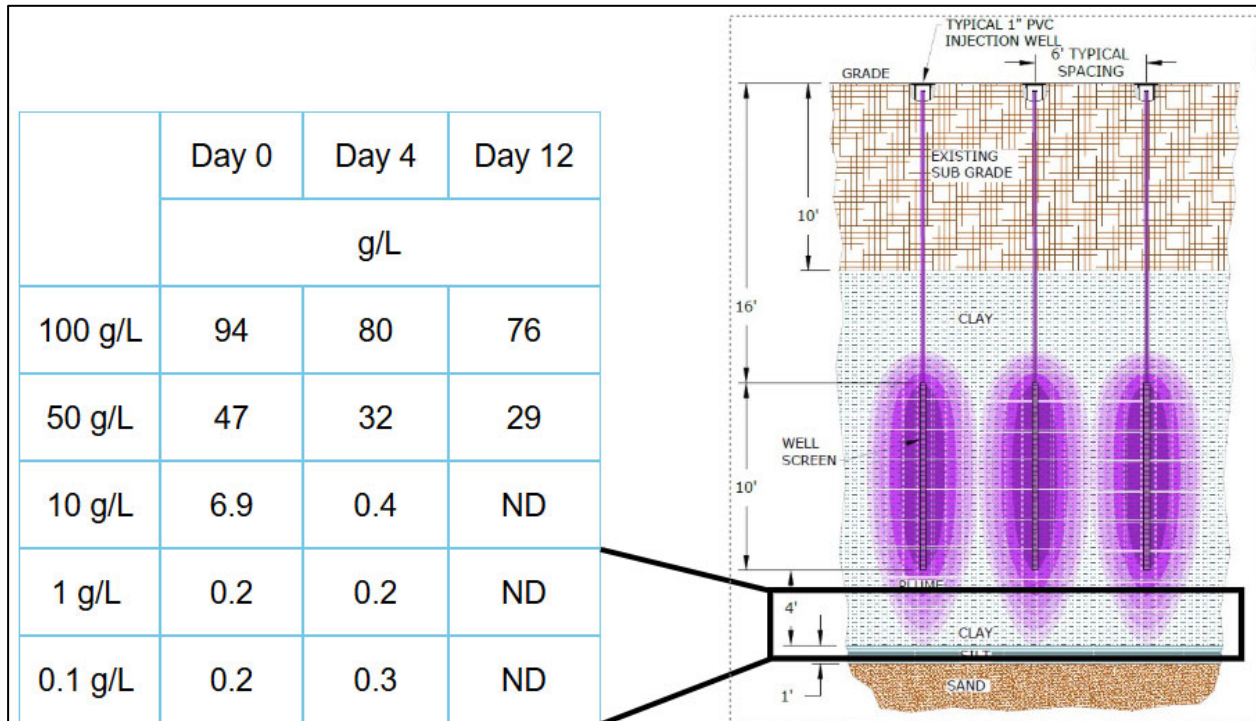


Figure 1 - Bench Study Chemical Reaction

Modeling was conducted using MODFLOW Groundwater Modeling System (GMS) version 10.7.8 (by Aquaveo, LLC of Provo Utah) and MT3DMS to estimate the extent of sodium permanganate propagation with time. The results of the model for Day 180 (after 60 days of injection and 120 days of diffusion) are presented in Figure 2. This indicates that sufficient volume and mass of permanganate persist to allow for additional mass transport through diffusion into the clay after the initial injection period. The model outline is presented in Figure 3.

Figure 2 depicts expected distribution from an aerial perspective into the clay for a period of 180 days following completion of the injection period. This allows for both horizontal and vertical contact to occur over the intended area of application. The model presented in Figure 2 assumes no reaction rates and shows contours out to 100 mg/L (0.1 g/L).

Layer 5 of Figure 3 represents the 1-foot zone just above the silt/sand contact indicating that the concentration and volume injected into each well provides extended area coverage with limited permanganate progressing into the sand unit.

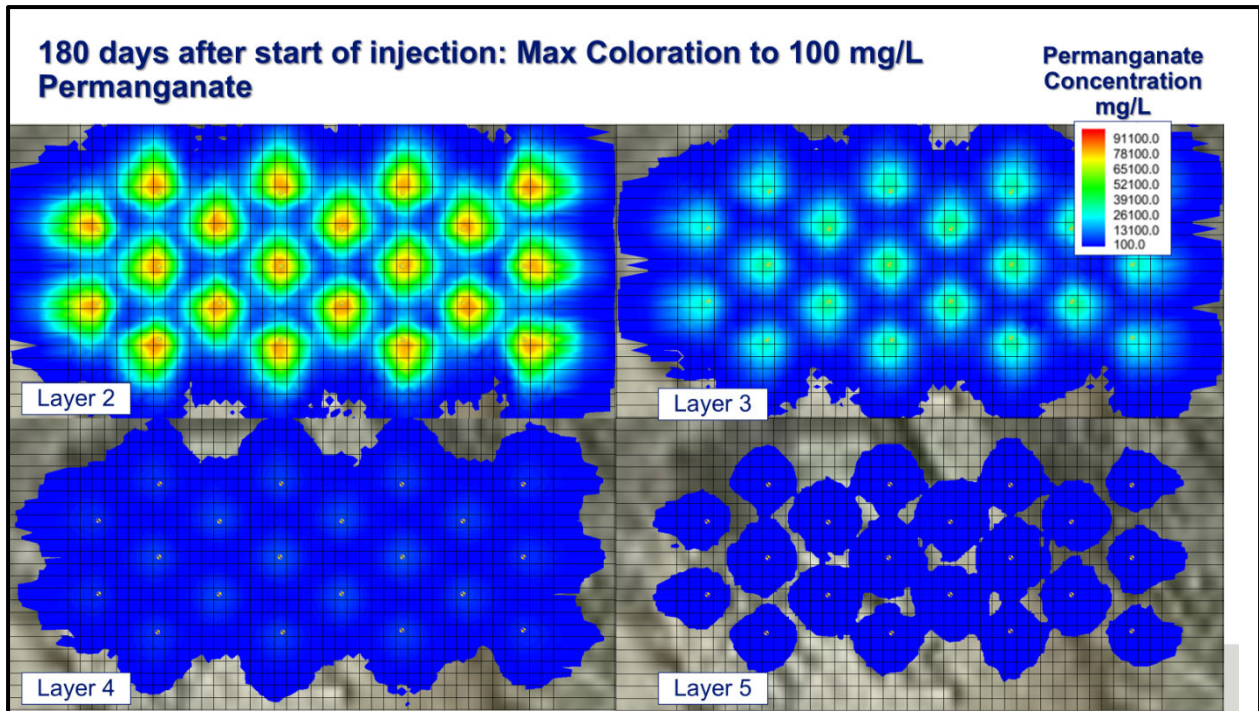


Figure 2: Designation of Layers in the Model
 Note: Layer 9 is the depth in which City Wells 04 and 05 are screened at 60'

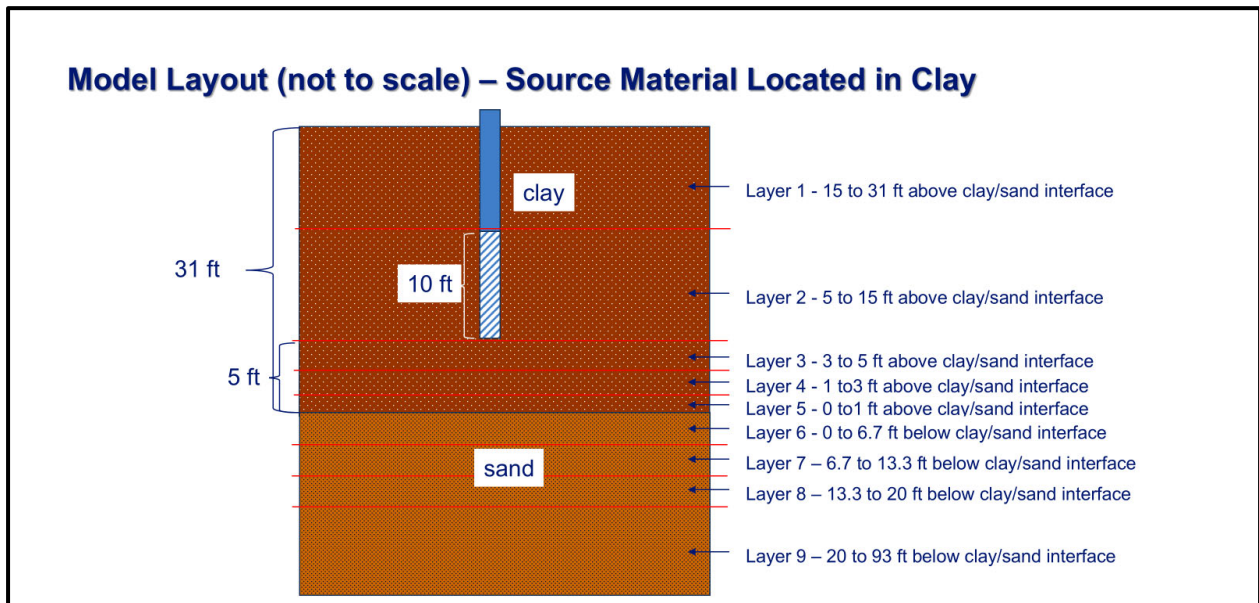


Figure 3: Designation of Layers in the Model
 Note: Layer 9 is the depth in which City Wells 04 and 05 are screened at 60' to bedrock

Diffusive mass flux is driven by the change in concentration over distance. Although permanganate oxidant at lower concentrations will not persist in the soil for prolonged periods, the drop in concentration along the outer edge of the permanganate front will improve mass flux/oxidant delivery beyond the injection ROI. (Oxidant mass will propagate beyond

the injection delivery extent at a faster rate due to the contrasting high/low concentration front).

Final results indicate that permanganate would react with the soils, and such a reaction will not impede the proposed low-flow, low-pressure delivery method.

4.2 Impact of Permanganate on PRB

The permeable reactive barriers (PRB) were constructed with a zero-valent iron product (EHC[®]) to establish a reducing environment for groundwater treatment. Approximately **96,000** pounds of ZVI have been injected inside and around the Substation to treat migrating groundwater. The probability of permanganate encountering and negatively affecting the PRBs has been evaluated, and as described below, testing confirms that permanganate is expected to have a negligible impact on the treatment capacity of ZVI-based PRBs.

Laboratory tests were performed to evaluate the safety of the interaction between EHC[®] and permanganate. Increasing concentrations of permanganate (30 ml of 0.1 g/L, 0.5 g/L, and 1 g/L) were added to 6 g of EHC[®] and observations made regarding the reaction. No heat or excessive gases were observed from the reaction. In addition, the permanganate was consumed by the EHC[®] in less than a minute, suggesting a fast, stable reaction occurs when EHC[®] and permanganate interact.

Once observations confirmed that exothermic reaction was not present in the reactor, the testing was increased to evaluate 3 g of EHC[®] with 30 ml of 10 g/L permanganate. Under this scenario, all the permanganate was consumed in about 10 minutes, indicating that the reaction is dependent on the oxidant to EHC[®] loading. (A higher concentration of permanganate was not tested as it is highly unlikely that 10 g/L would reach the EHC[®] barrier from the low-flow 100 g/L injection when dilution and reaction between the soils along the flow path are taken into consideration.)

The results of this qualitative experiment indicate:

- The reaction between EHC[®] and 10 g/L permanganate is not violent or exothermic.
- If EHC[®] and permanganate contact each other, the permanganate is utilized within minutes.

Based on these results, should the permanganate encounter the EHC[®] in the field, it will be used within a few minutes of flow. This suggests that if the permanganate does reach the EHC[®] barrier, any impact to the efficiency or effectiveness of the PRB is likely to be limited to the first few inches of the PRB and the majority of the 10-foot barrier should remain untouched.

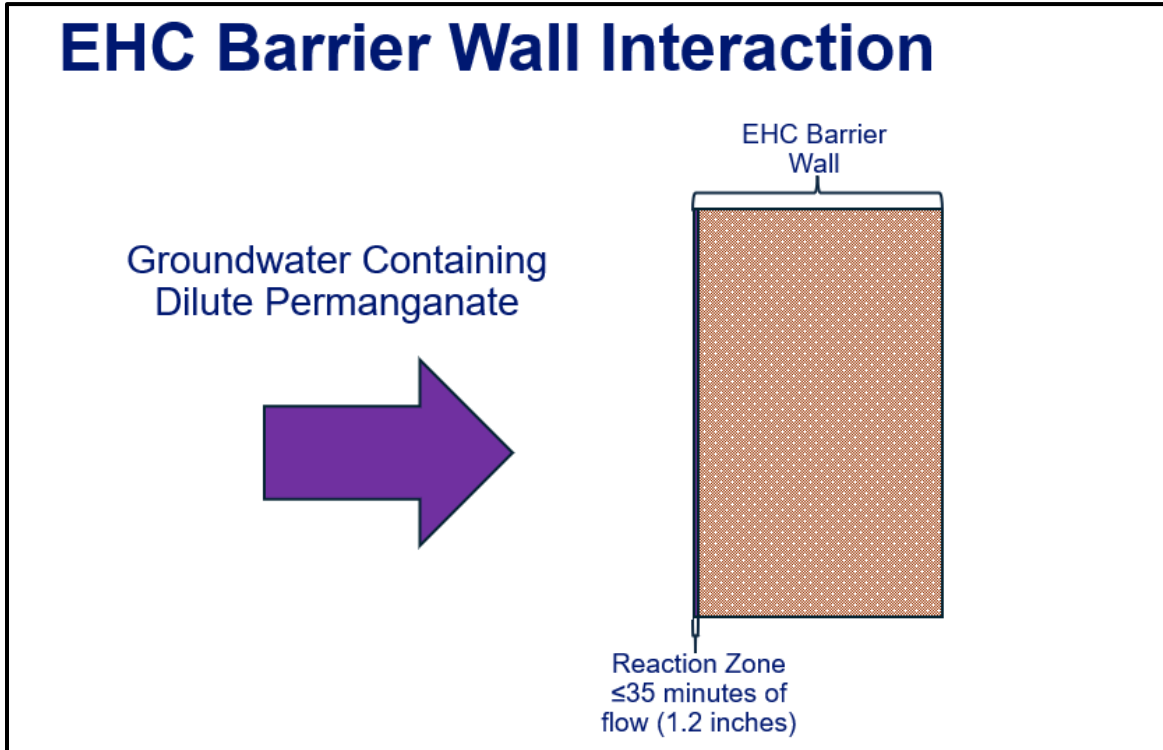


Figure 4: EHC[®] Barrier Wall Interaction

A secondary theoretical concern is if the EHC[®] is consumed, will its capacity to react with the permanganate diminish over time? To test this scenario, 6 g of EHC[®] was repeatedly dosed with 30 ml of 10 g/L permanganate. The time to react was noted after each application. In total, 10 applications were completed. The time to react ranged from less than 4 minutes to 35 minutes. The reaction time did not necessarily correlate with the number of previous applications but was likely more dependent on the ability to mix the EHC[®] and permanganate (EHC[®] is fluffy, and the manganese and gas generation made mixing/effective contact between the permanganate and EHC[®] difficult at times). The testing shows that the EHC[®] does not lose its reaction capacity with prolonged contact with permanganate. This means that the leading edge of the PRB is likely to continue to consume the influx of permanganate, should permanganate make it to the PRB.

The composition of gases produced by the interaction of permanganate and EHC[®] was evaluated following the observation of bubbles in the test reactors. To ensure gas concentrations were high enough to be detected for such an evaluation, 10 g/L sodium permanganate was used. Note that based on modeling simulations and site hydrology, along with the target of retention of permanganate in the clay, this is likely several orders of magnitude higher than the concentrations of permanganate that could reach the EHC PRB. Because of this, concentrations of the gas composition measured in the lab are likely several orders of magnitude higher than what would occur in the field if the sodium permanganate encountered the PRB.

The Landtec GEM-5000 can detect methane, carbon dioxide, oxygen, carbon monoxide, and hydrogen sulfide and was used to measure the concentration of gases in the headspace of the reactors as there was insufficient gas generated for laboratory sample collection, even at the

high permanganate concentration used. With respect to the gas generated with 10 g/L sodium permanganate (again, several orders of magnitude higher than what would reach the PRB), no pressure was noted on the septa of the vial's cap and no pressure release noted when opening the reactor.

When EHC[®] and water were mixed, there was no difference in gas composition compared to atmospheric. When fresh EHC[®] was mixed with permanganate, carbon dioxide went from 0.1% to 0.3%, carbon monoxide went from zero to 490 parts per million by volume (ppmv), and hydrogen sulfide increased from zero to 21 ppmv. Oxygen dropped from 20.4% to 20.3%, and methane remained at zero. As several orders of magnitude higher concentration of sodium permanganate were used in the lab as would be expected to be seen in the field, these concentrations are likely several orders of magnitude higher than would be generated in the field, if at all.

The reactor that had been tested with 10 applications of permanganate was also tested by adding another 30 ml of 10 g/L permanganate. This reactor has carbon dioxide at 0.2%, carbon monoxide at 18 ppmv, and hydrogen sulfide at 2 ppmv. Oxygen remained at 20.4%, and methane remained at zero. **All test scenarios were negative for methane production.**

Based on the treatability results, should the permanganate oxidant reach the EHC[®] PRB, the impact, if any, would be isolated to the first few inches of flow into the barrier.

4.3 Distribution of Permanganate in Groundwater

The model parameters developed by Hailey & Aldrich and presented in the “Conceptual Substation Model Huster Road Substation” (2021), were used by LEA to simulate transport behavior of the permanganate injection based on various injection scenarios. MODFLOW, in conjunction with MT3DMS, was run using Aquaveo[®] GMS[®] 10.8.9. The following hypothetical scenario was evaluated to determine the concentration of permanganate that could enter the City Wells using several assumptions that represent extreme conditions that are unlikely to occur.

- Injecting into 20 wells (assumption based on design of ISCO injection into 20 clay wells). (Aligns with Work Plan in Section 5).
- Injection of 100 g/L sodium permanganate (design injection concentration - Aligns with Work Plan).
- There will be no removal of existing groundwater/perched water in the injection points prior to injection. The injection concentration is sufficient to account for the limited dilution that will occur in the injection area.
- Flow rate per well at 0.0039 gpm per well (0.078 gpm total representing 20 well injections -Aligns with Work Plan).
- Assumes wells are screened one (1) ft into sand below the sand/clay interface to mimic worst-case scenario where the entire injection solution goes into sand. (Work Plan provides that wells will be screened in the targeted clay layer.)

- Assume the injection occurs daily in each well for **365 days**, which is longer than the proposed injection treatment period. (Work Plan proposes a total of 240 days) (The hypothetical scenario assumes injection of 41,000 total gallons of permanganate solution. Under the Work Plan, approximately 26,400 gallons of permanganate solution total would be injected.)
- Assumes no reaction of the permanganate.
 - o This is unrealistic since the permanganate would react with CVOCs and soil as it flows through the sand towards the extraction wells.
- The model run assumes CW-04 and CW-05 were pumping at the rate of 500 gpm and 750 gpm each, and MW-05 and MW-25 extract groundwater at 30 gpm each (Figures 5a/b and 6a/b). These pumping rates reflect actual City Well operating scenarios.
 - o Model was also run assuming CW-05 was turned off (no flow) (Figure 6a/b).

The results show that if 41,000 gallons of permanganate were injected into 20 wells for a one-year period with all the flow directed into to the sand layer, as opposed to the targeted clay layer, **permanganate will not reach the City Supply Wells at a detectable concentration.** Figures 5a/b and 6a/b below depict the extent of permanganate at a concentration of 0.01 g/L or higher after 1 year of continuous injection into the sand, assuming **no** chemical reaction of permanganate occurs. Under both scenarios, CW-04 remains in operation. Figure 5a/b represents the scenario with CW-05 in operation. Figure 6a/b represents the scenario with CW-05 not operating. Based on the operation history of the well field, the range of operation for these wells is believed to be 350 to 750 gpm. For modeling purposes to represent realistic and conservative values for this range, extraction rates of 500 and 750 gpm were used. The blue pathways shown are the extent of permanganate equal to or greater than 0.01g/L.



Figure 5a - Permanganate distribution following 365-day injection period with CW-04 & -05 operating at 500 gpm

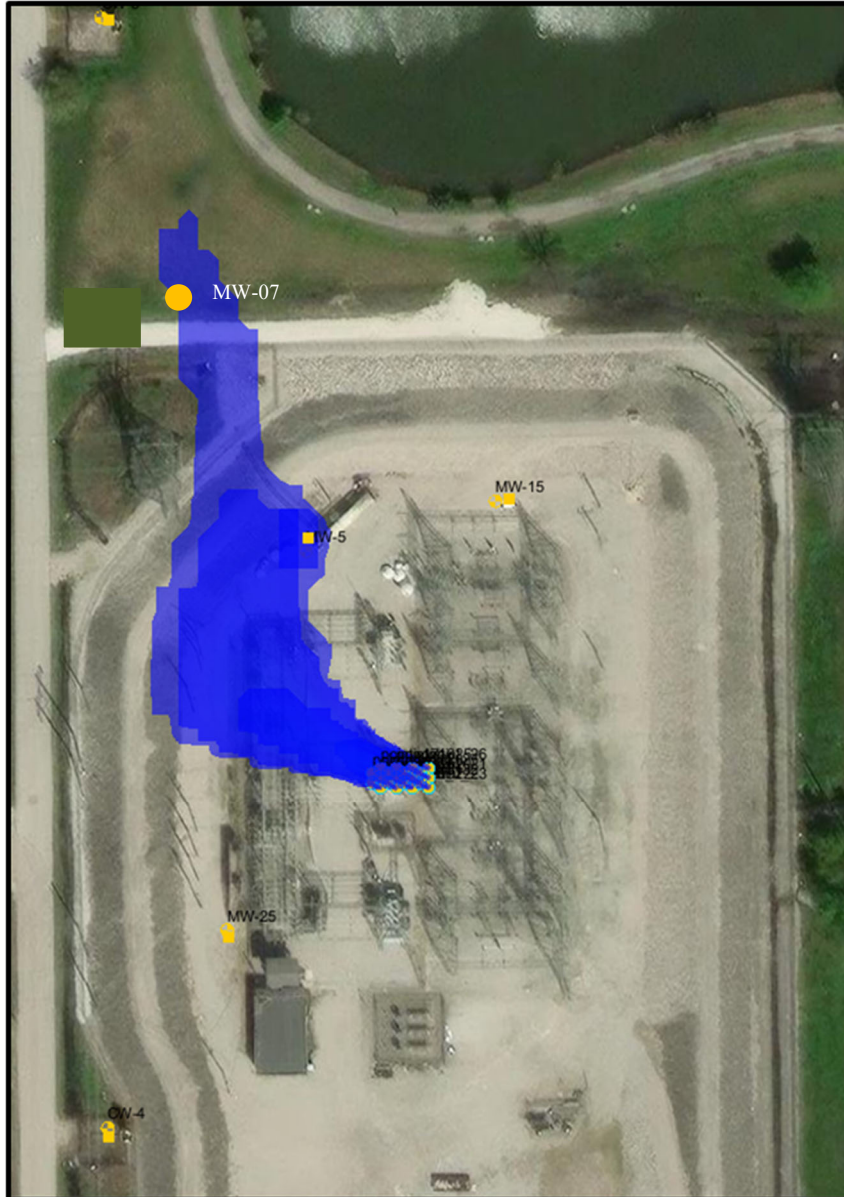


Figure 5b - Permanganate distribution following 365-day injection period with CW-04 & -05 operating at 750 gpm



Figure 6a - Permanganate distribution following 365-day injection period with CW-04 on at 500 gpm and CW-05 off

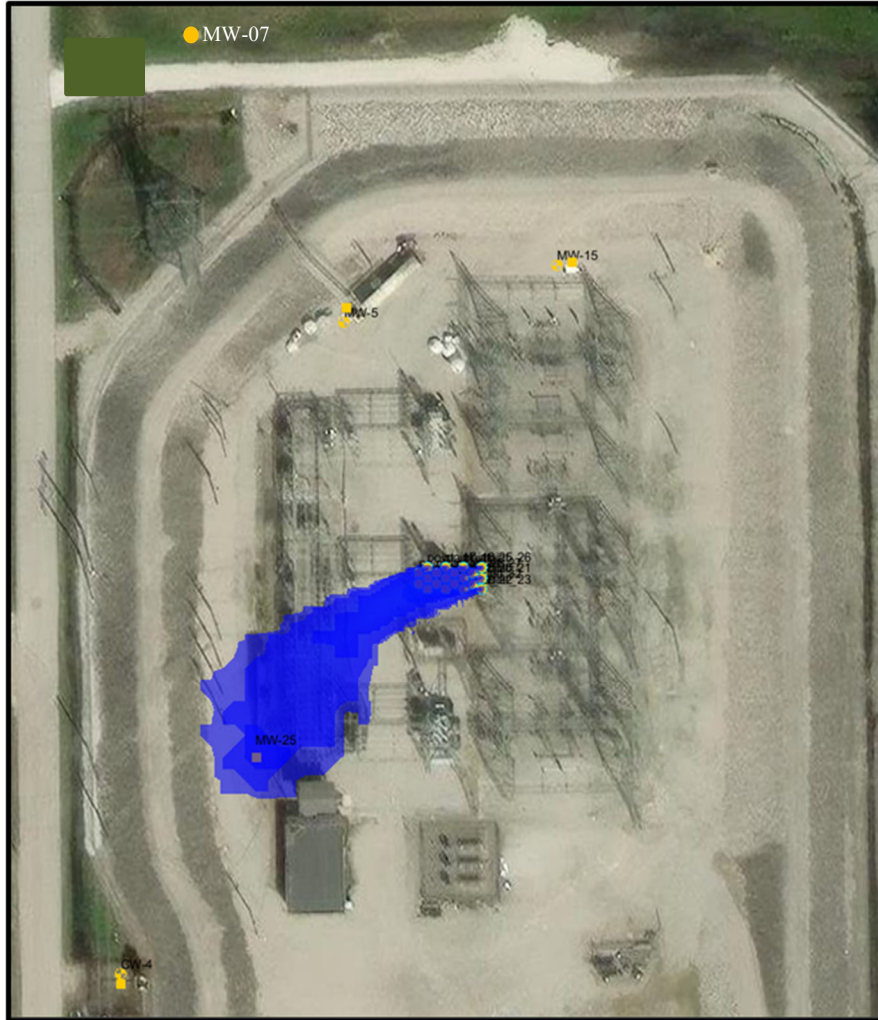


Figure 6b - Permanganate distribution following 365-day injection period with CW-04 on at 750 gpm on and CW-05 off

As shown in Figures 5a/b and 6a/b, the permanganate flow path is intercepted, at least in part, by the capture zones of GETS extraction wells MW-05 and MW-25 (depending on the City Well operations). Under this overly conservative scenario, the concentrations of permanganate at the GETS extraction wells and City Wells after 1 year of continuous injection are projected to be:

- CW-04 and CW-05 pumping at 750 gpm (Figure 5b)
 - o MW-05 = 0.213 g/L
 - o MW-25 = 1×10^{-7} g/L
 - o CW-5 = 2.6×10^{-5} g/L
 - o CW-4 = 1×10^{-17} g/L
- CW-04 pumping at 750 gpm and CW-05 off (Figure 6b)
 - o MW-05 = 0 g/L

- o MW-25 = 0.271 g/L
- o CW-5 = 0 g/L
- o CW-4 = 4.4x10⁻¹¹ g/L

Again, this modeling scenario assumes:

- Full injection into sand (actual design will inject permanganate into clay, and monitoring will be done to ensure injection solution does not break through to the sand).
- 20 wells injected simultaneously for 1 year (planned injection duration is currently 8 months).
- Injection of approximately 41,000 gallons of permanganate solution (instead of 26,400 gallons to be injected ((330 gallons per well) under Work Plan).
- There is no reaction of the permanganate with CVOCs or soil (laboratory treatability testing shows the permanganate will react with Substation clays). This assumption greatly overestimates the extent of permanganate transport feasible at the Substation.

5. TREATMENT APPLICATION PROCESS: INJECTION POINTS AND OBSERVATION LOCATIONS

5.1 Injection Point Network

Appended hereto as Figure 7 is a depiction of the Substation injection network of eighty (80) injection points spaced at approximately 6 feet apart in a 2,780 square foot area located approximate to Transformer #2. Injection is focused on areas with identified impact not previously piloted with the intent to reduce CVOC concentrations in soil within the cohesive unit.

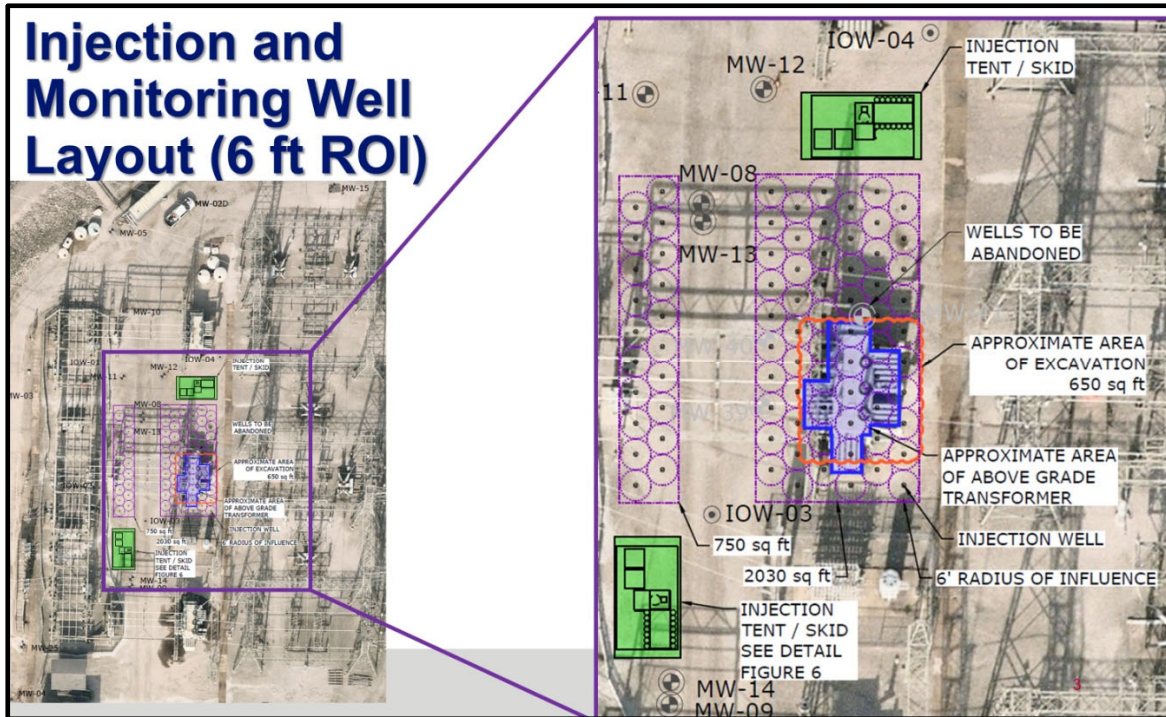


Figure 7 - Injection Network

The injection wells will be installed via direct-push methodology and constructed of 1-inch Schedule 40 PVC with a 10-foot Schedule 40 PVC pre-packed well screen in accordance with MDNR construction regulations.¹ The total depth of the wells will be approximately 26 feet bgs, with a screened interval of approximately 16 to 26 feet bgs as shown in Figure 8. This is intended to be approximately four to five feet above the sand/clay interface and fully screened in the clay. Some diffusion of permanganate will occur into the cohesive soils both above and below the well screen interval expanding the area of treatment. The ISCO treatment target zone ranges from approximately 13-29 feet bgs with limited diffusion into the underlying sand. This represents a volume of approximately 44,480 cubic feet of clay to be treated by direct injection and subsequent diffusion. Grid spacing, well screen depth, injection rate, injection period (number of days) and total area of the treatment zone are based on modelling performed by Loureiro and soil sampling data collected between 2014-2023. Note that, during construction, injection locations may be altered depending upon Substation specific conditions and obstructions.

During the construction of the injection wells, baseline soil samples at the designated locations (see Figure 9 – page 19) will be collected at the following intervals: 1-5'; 5-10', 10-15', 15-20', 20-25'. Baseline groundwater samples will also be collected at designated locations as shown in Figure 9 after the injection wells have been completed and developed.

¹ Because some wells constructed will be located beneath the newly placed transformer as an infiltration gallery, a waiver for future in place abandonment will be obtained from MDNR prior to construction.

5.2 Infiltration Gallery Beneath Transformer #2

Figure 8 is a cross-section diagram depicting the well network beneath transformer #2 where an infiltration gallery will be constructed during the backfilling of area excavation.

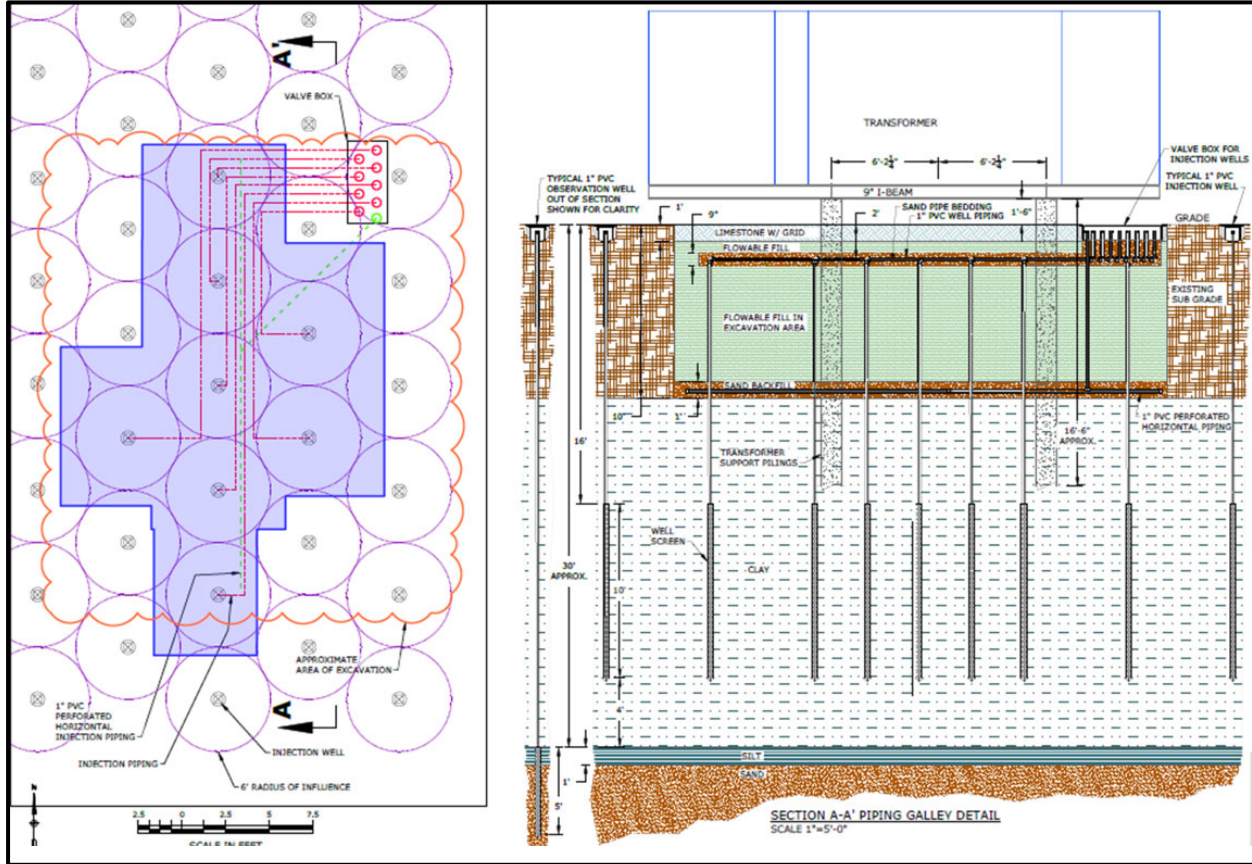


Figure 8 - Cross-Section of Excavation Area of Transformer #2 Infiltration Gallery

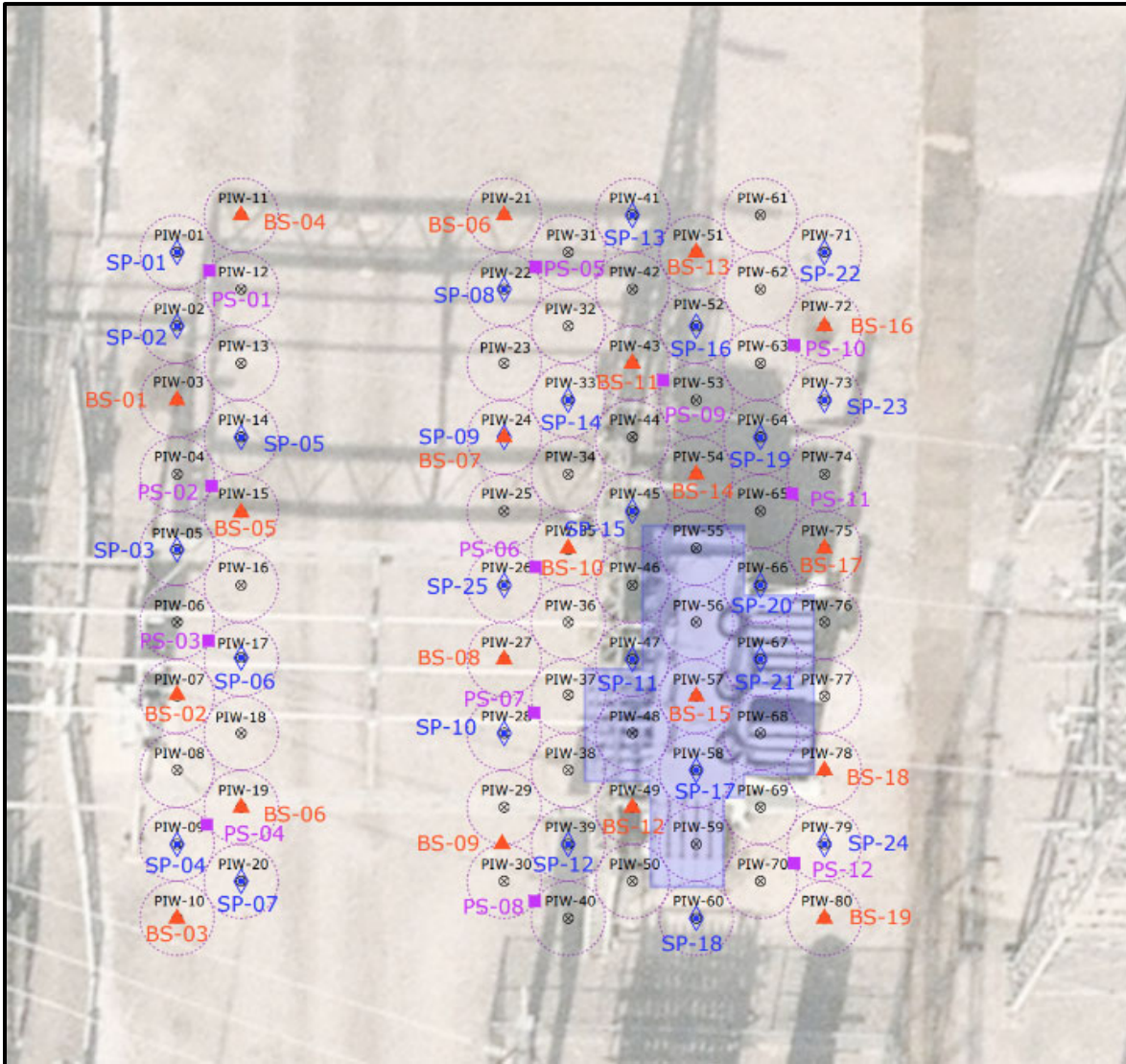


Figure 9 – Injection Well and Sampling Locations

Approximately twenty (20) injection wells will be located on the west side of the treatment area, sixty (60) injection wells will be located on the east side including ten (10) injection wells in the infiltration gallery underneath and immediately adjacent to Transformer #2.² The injection wells within the Transformer #2 infiltration gallery will be constructed in accordance with MDNR requirements for in-place grouting closure and abandonment. The infiltration gallery will be placed approximately four (4) feet below grade and connected to the vertical injection wells and to a vertical stickup injection inlet head-pipe. A separate horizontal perforated, 2-inch PVC pipe will be located approximately nine (9) feet deep within the sand backfill layer for infiltration. Each well in the gallery will have an independent injection head for control purposes. The infiltration gallery footprint is larger than the sump of the existing transformer (indicated in green on Figure 8 page 18) and will provide coverage over an expanded area in the upper zone of probable initial release. Wells within a setback distance

² For the pathway between the west and east treatment areas, this area has been previously piloted and additional activities in this pathway area is not needed.

of the replaced transformer as determined based on substation operations may also be included in the gallery construction. The target treatment depth into the cohesive clay unit for the horizontal perforated pipe is approximately 9 to 15 feet bgs and will overlap the vertical well injection in this area. The actual layout of the gallery is dependent on the final footprint of the replacement transformer and may be slightly different than presented and will be finalized prior to the start of well construction.

5.3 Transformer #2 Excavation

Once Transformer #2 has been removed from service, oil impacted rock and soil will be excavated to a depth of approximately nine (9) feet bgs.³ Removed materials will be placed into lined and covered roll-offs and staged pending characterization sampling and analysis and transportation to an appropriate disposal facility (See Soil Management Plan – Attachment E). Similar work was performed in 2024 with the replacement of Transformer #1 pursuant to an approved soil management plan (SMP) and supervised by MDNR. A SMP for Spring 2026 Outage - Transformer #2 Replacement will be prepared for MDNR review as outage planning progresses.

The excavation will be backfilled with alternating layers of sand, compacted clays and/or flowable fill, to allow for construction of the sub-transformer infiltration gallery. Replacement of the grounding grid near the surface will be completed prior to placement of the transformer. Backfilling will be conducted in accordance with Ameren specifications for materials located under a transformer.

5.4 Low-Flow, Low-Pressure Continuous Injections

The treatment design approach includes a batching area, two injection skids with compressors and controls, and multiple independent vessels. Concentrated sodium permanganate will be delivered in 266-gallon totes at a 40% concentration and diluted to a 100 g/L solution for injection purposes. It is anticipated that no more than three (3) totes of concentrated sodium permanganate will be at the Substation at any given time.

The following are key design parameters for the injection wells:

- Design of approximately 6 ft ROI
- Flow of 0.0039 gpm for a daily injection of approximately 5.6 gallons per location
- 10 ft well screens with bottom of screen 4-5 ft above sand/clay interface
- Designed to maintain injection pressure around 3 to 5 psi at well head but no higher than 6 psi to maintain a daily flow volume
- Separate controls for each injection well

Injections will occur in four phases with up to twenty-eight (28) injection wells per phase. Priority will be given to the area beneath and adjacent to Transformer 2. The water source for the batching will be from the GETS effluent. During each phase, approximately 5.6 gallons

³ Existing monitoring wells MW-39, MW-40, and MW-41 are located within the footprint of the proposed soil excavation near the base of transformer #2 and will be closed in accordance with MDNR regulation prior to the soil excavation.

of sodium permanganate will be injected into each well per day until a total of 330 gallons of solution has been injected into each well. The application period for each phase is estimated to take approximately 60 days with a total injection volume of approximately 26,400 gallons of solution over 240 days.⁴ This low-flow, low-pressure application process relies on natural flow pathways to create sustained contact times for permanganate to diffuse into the cohesive soils. The slow and deliberate pacing of the process allows the permanganate to saturate the cohesive soils to achieve optimal contact with the CVOCs. Injection volumes and flow rates will be recorded per well per day. The injection sequence into the wells will be in a singular direction (yet to be determined based on construction setup) such as north to south, west to east, etc. Implementation of offset injection well spacing will allow for permanganate residual monitoring in the cohesive soils in the defined injection area via the injection wells that will not be injected at that moment. Following injection of the total volume into each well, approximately 25 gallons of water will be injected to flush the inject area and to assist in expanding the ROI.

Each injection well can be independently controlled, which allows for focused and measurable control at each well. The ability to independently adjust and control each injection well will allow for rapid and targeted adjustments to well operation. Separate controls also provide the greatest flexibility for system changes or long-term or secondary applications, if deemed necessary, and allow for low-flow injections over a long period (months) to reach the required injection volumes and radius of influence.

Should an injection stall at a specific well, pressures would be incrementally increased by 0.5 psi but not to exceed a total pressure of 6 psi at the well head. Injections wells that have held 6 psi with a daily injection volume of less than 1.4 gallons per day (less than 25% of design rate) for a period of 7 days will be halted. Should an injection accept material at a rate of 1.5 times the daily anticipated volume of 5.6 gallons or have no back pressure, an evaluation based on observation data will be performed to determine if daylighting or breakthrough has occurred. In such an event, injections will be halted at that well. A second attempt at injection at halted wells will be attempted no sooner than 2 weeks post date of the stoppage. Should the process result in similar observations, the location will be considered completed, and material volume not injected at that location will be applied to adjacent injection points.

Figure 10 depicts the equipment layout as a representative injection skid setup for the application presented above. Figure 11 in **Attachment D** depicts a detail of the injection vessels and associated pressure controls.

⁴ Prior soil permanganate treatment volumes at the substation were 15,755 gallons in 2015 and 11,531 gallons in 2018.

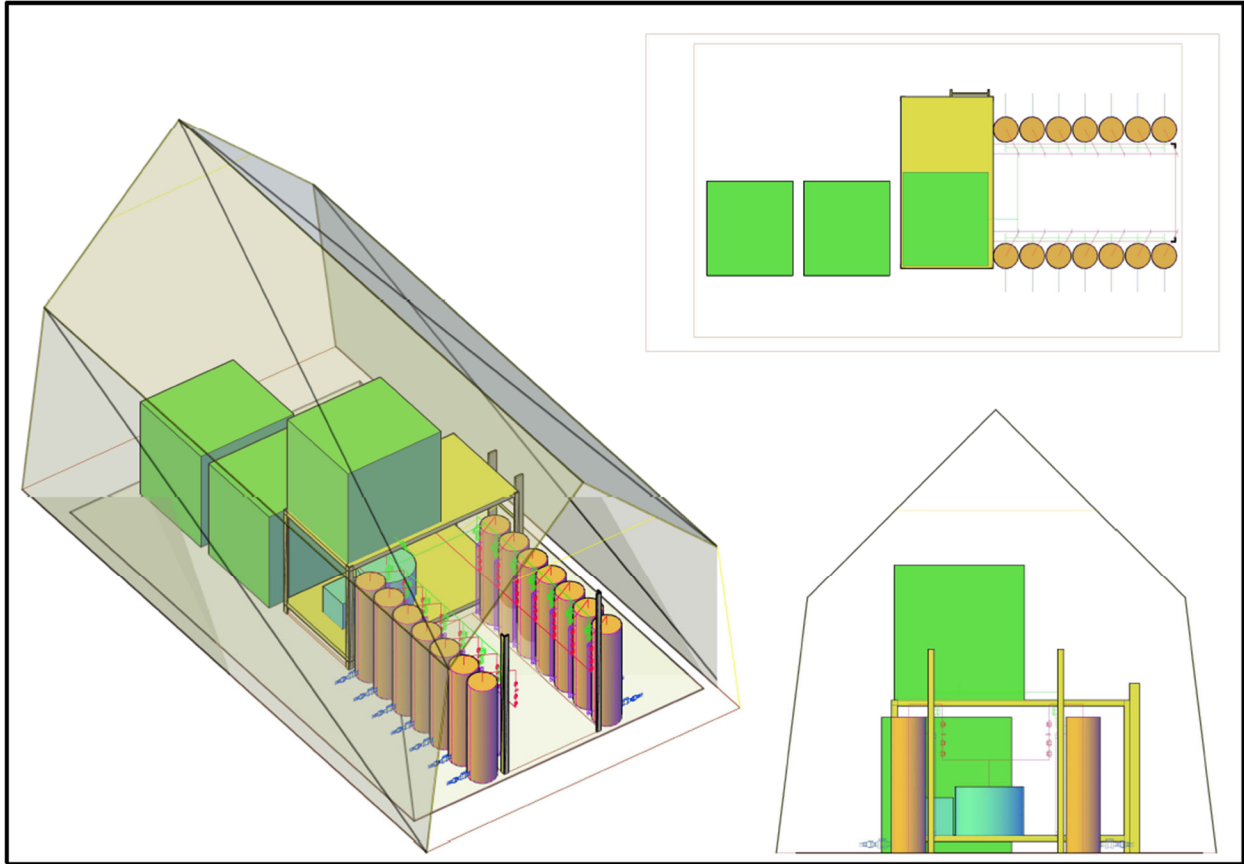


Figure 10 - Injection Skid

The daily injection tracking log utilized for injection volumes, rates, adjustments, etc. is presented in **Attachment C** – Project Forms.

5.5 Observation Wells

To monitor the treatment applications, seventeen (17) observation locations have been identified both within and outside of the treatment zone area and include thirteen (13) existing monitoring wells (MW-08, MW-13, MW-11, MW-12, MW-10, MW-02, MW-04, MW-03, MW-09, MW-14, MW-05, MW-15, MW-25) and four (4) new temporary wells (IOW 1 – 4). The new IOWs will have a 5-foot slotted PVC screen with the bottom of the well screen penetrating the sand layer by approximately five feet (at approximately 30-35 feet bgs). The locations of the observation wells were selected so that groundwater flow patterns could be monitored. Table 1 and Figure 12 depict existing and future observation locations.

Well ID	Location	Screen Interval	Observation Frequency
MW-08	Interior of injection area	35-45	Daily
MW-11	Monitoring well north of injection area	35-45	Daily
MW-12	Monitoring well north of injection area	35-45	Daily
MW-13	Interior of injection area	32-33	Daily
MW-14	Monitoring well south of injection area	33-34	Daily
IOW-01	Temporary observation well west of injection area	30-35	Daily
IOW-02	Temporary observation well east of injection area	30-35	Daily
IOW-03	Temporary observation well southwest of injection area	30-35	Daily
IOW-04	Temporary observation well northeast of injection area	30-35	Daily
MW-02	Monitoring well north of injection area	35-45	Twice weekly if observed at MW-02, MW-12 or IOW-04
MW-03	Monitoring well west/northwest of injection area	35-45	Twice weekly if observed at MW-11, IOW-01 or IOW-02
MW-04	Monitoring well west/northwest of injection area	35-45	Daily, if detected at MW-09, MW-25 or IOW-03
MW-05	Extraction well north of injection area	35-45	Daily, if detected at IOW-01, IOW-02 or MW-11
MW-09	Monitoring well south of injection area	35-45	Daily, if observed in MW-14 or IOW-03
MW-10	Monitoring well north of injection area	35-45	Twice weekly if observed at MW-11 or MW-12
MW-15	Extraction well northeast of injection area	35-45	Daily, if detected at IOW-04 or MW-12
MW-25	Extraction well southwest of injection area	35-45	Daily, if detected at IOW-03 or MW-09

Table 1- Observation Well Network

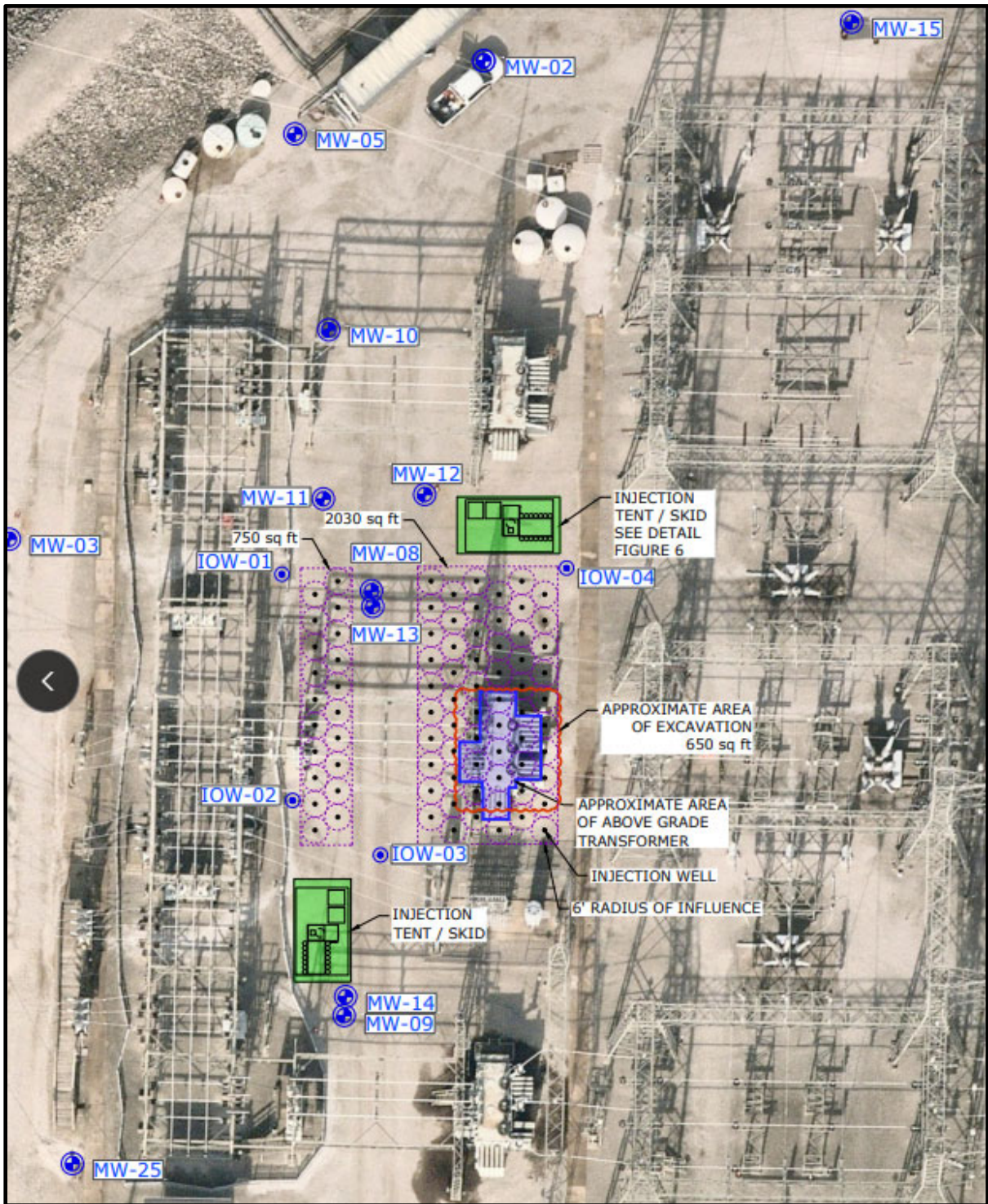


Figure 12 - Observation Well Network

From the observation point locations, groundwater will be drawn using a bailer in accordance with Table 1 and compared to a series of permanganate control photographs.⁵ The color and concentration chart below (Figure 13 page 25) was developed by USEPA and was obtained from a USEPA presentation on May 19, 2011 (Reference: USEPA R.S. Kerr Environmental Research Center).



Figure 13 - Permanganate Concentration Colorimetric

When present in both soil and groundwater, permanganate imparts a purple hue that is darker at higher concentrations and lighter (pink) at lower concentrations. As depicted above, in the event drawn samples reflect a pink or purple hue (i.e., more than 10/mg/L), injections into nearby wells will terminate to allow dispersion of residual permanganate and allow for further evaluation of the cause.

The water from the bailer will be placed in a bucket, and if no color change is detected, the water will be added to the groundwater collection tank inside the GETS for treatment. If the water has a detectable color change, the water will be placed in a closed storage tank until the end of the project. At the end of the project, a sample will be taken to assess if sodium permanganate is present in the water and, if present, the water will be disposed of in accordance with applicable regulatory requirements.

The observation log utilized for tracking diffusion and transport migration is presented in Attachment C – Project Forms. Maintenance inspections of injection portals within the

⁵ A bailer will be used to collect groundwater from the screened interval of the observation injection wells by lowering it within the well screen and removing one stagnant water column volume. The bailer will again be lowered and returned to the surface with a perched groundwater sample that will be visually inspected for color.

treatment zone will occur on a weekly basis. Magnesium oxide deposits can occur along screen slots but can be observed visually through residual stuck to water level indicators, groundwater sampling equipment, or down-hole cameras and recognized through increased back pressures. A power washer using hot water will be used to clean the screens of any magnesium oxide deposits.

5.6 Contingent Measures

Laboratory testing and modeling indicates that permanganate will be dispersed into the clay and concentration levels of permanganate available for leaching into the groundwater will be minimal. To evaluate the potential for permanganate to migrate in groundwater, a hypothetical, worst case scenario (100 g/L sodium permanganate directly into groundwater for 365 days at 20 injection wells) was evaluated. The modelled results project concentration levels of permanganate at the GETS extraction wells to be less than 1.0 g/L and no detectable concentrations of permanganate reach the City wells. Nevertheless, safety procedures will be in place to minimize any potential adverse impacts from the use of permanganate and during treatment applications to monitor movement through the clay layers to identify potential leaching into the sand layer within the aquifer. Those measures will include the following:

1. **Storage of Material.** Tanks containing treatment material will be located within a staging area designed to contain in excess of the total volume of solution (1,078 gallons stored, spill containment design will contain 2,200 gallons) should any release of material occur due to an unexpected breach. Each injection well is individually controlled and supplied by its own 20-gallon solution injection vessel, thereby limiting potential volumetric impact.
2. **Controls During Injection.** Monitoring logs will be maintained, and injections will be halted at a specific well location should any of the following events occur: (i) injections exceed the target rate of 5.6 gallons/day by 50%; (ii) a sudden and sustained drop of back pressure; or (iii) daylighting occurs. Such control measures limit the amount of product that could be inadvertently injected into the sand layer. (Note that, if small quantities of permanganate solution reach the sand layer, organics in the sand layer are expected to consume the permanganate solution and reduce CVOC concentrations.)
3. **Monitoring of GETS Extraction Wells.** Should any permanganate (determined by color chart) enter into the GETS, the extraction well that is determined to be the source of the permanganate will be turned off until such time as permanganate has dissipated and is no longer observed in the extraction well. Monitoring of the GETS extraction wells will commence on a daily basis once permanganate is detected in any observation location.
4. **Monitoring Injection Network.** During the injection process, approximately fourteen adjacent, unused injection points will be monitored for color changes in confined groundwater to confirm both the radius of influence and whether permanganate is diffusing as expected during the first phase of injections. Color changes will be compared to the color chart (see Figure 13 page 25) to provide an estimate of permanganate concentration.

5. **Maintenance of Injection Network.** Injection points and equipment will be visually observed for magnesium oxide deposits, and the buildup of magnesium oxide can also be recognized through increased back pressures. Should the formation of manganese dioxide occur, additional maintenance procedures (i.e. flushing with hot water) with respect to injection well screens will be employed.
6. **Monitoring Observation Wells.** Monitoring the observation wells for color changes will be in accordance with Table 1 (page 23). Should Ameren observe a purple hue (indicating an estimated permanganate concentration greater than 100 mg/L per the color chart) in either MW-03 and/or MW-04, the injections will be terminated and monitoring points upgradient of the ZVI barriers will be monitored.

5.7 Post-Treatment Evaluation and Confirmation Soil Sampling

Monitoring of groundwater will continue on a monthly basis for the observation wells after injections are completed for three months, then taken with the routine quarterly samples until soil confirmation samples are taken. This will allow monitoring of groundwater for CVOC reductions and continued observation for any color changes. Once it appears that the permanganate has attenuated, which is expected to be approximately 1 year after the completion of the injections, soil confirmation sampling at the locations noted in Figure 9 (page 19) will be taken. A core sample of clay will also be taken to assess site specific soil conditions that may be used for any calculation of site-specific risk determinations.

6. SCHEDULE OF WORK

Due to access to the area underlying and directly adjacent to the transformer, the project schedule is dependent upon the outage schedule for replacement of transformer #2. Key milestones for the construction and operation of the pilot test treatment system must be maintained throughout the outage period to ensure that replacement of the transformer is complete and operational prior to seasonal need. A detailed schedule is being developed awaiting the projected delivery date of the new transformer. Below is a schedule summary of key activities to be completed during the planned outage.

Estimated Month/Year	Task
October 2025	Pilot Test Permanganate Treatment Work Plan Submitted
December 2025	Request: Approval of Work Plan by EPA
January 2026 – March 2026	Material Procurement and System Build
March 2026 – April 2026	Transformer Removal and Area Excavation
April 2026 – May 2026	Permanganate Treatment System Construction and Baseline Sampling
May 2026 – June 2026	Transformer Placement and Commissioning
July 2026 – December 2026	Treatment and Evaluation Period
TBD	Confirmation Soil Sampling

TABLES

Table 1

Well ID	Location	Screen Interval	Observation Frequency
MW-08	Interior of injection area	35-45	Daily
MW-11	Monitoring well north of injection area	35-45	Daily
MW-12	Monitoring well north of injection area	35-45	Daily
MW-13	Interior of injection area	32-33	Daily
MW-14	Monitoring well south of injection area	33-34	Daily
IOW-01	Temporary observation well west of injection area	30-35	Daily
IOW-02	Temporary observation well east of injection area	30-35	Daily
IOW-03	Temporary observation well southwest of injection area	30-35	Daily
IOW-04	Temporary observation well northeast of injection area	30-35	Daily
MW-02	Monitoring well north of injection area	35-45	Twice weekly if observed at MW-02, MW-12 or IOW-04
MW-03	Monitoring well west/northwest of injection area	35-45	Twice weekly if observed at MW-11, IOW-01 or IOW-02
MW-04	Monitoring well west/northwest of injection area	35-45	Daily, if detected at MW-09, MW-25 or IOW-03
MW-05	Extraction well north of injection area	35-45	Daily, if detected at IOW-01, IOW-02 or MW-11
MW-09	Monitoring well south of injection area	35-45	Daily, if observed in MW-14 or IOW-03
MW-10	Monitoring well north of injection area	35-45	Twice weekly if observed at MW-11 or MW-12
MW-15	Extraction well northeast of injection area	35-45	Daily, if detected at IOW-04 or MW-12
MW-25	Extraction well southwest of injection area	35-45	Daily, if detected at IOW-03 or MW-09

ATTACHMENTS

ATTACHMENT A

SDS for Mozel

Material Safety Data Sheet

QUICK IDENTIFIER (In Plant Common Name)

Mozel 14

H-3 F-2 R-0 PPE-G

Manufacturer's Name: **Mozel Chemical Products Company**
 Address: **4003 Park Avenue**
St. Louis, Missouri 63110

Emergency Telephone No. **Chemtrec**
800-424-9300

Other Information Calls **314-865-3115**

Signature of Person Responsible for Preparation

Date Prepared **June 26, 1985**

SECTION 1 - IDENTITY

Common Name: (used on label) (Trade Name & Synonyms) **Mozel 14 Solvent Cleaner**

Cas No. **N/A**

Chemical Name **Does Not Apply**

Chemical Family **Petroleum Solvents**

Formula **Does Not Apply**

SECTION 2 - HAZARDOUS INGREDIENTS

Principal Hazardous Component(s) (chemical & common name(s))	CAS #	%	Threshold Limit Value (units)
Perchloroethylene	127-18-4	Optional	50 PPM
Mineral Spirits	64742-88-7	Optional	100 PPM

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point	315°F	Specific Gravity (H ₂ O=1)	1.267 @ 25c	Vapor Pressure (mm Hg)	18 @ 25°C
Percent Volatile by Volume (%)	100	Vapor Density (Air = 1)	4.6	Evaporation Rate (= 1)	Butyl Acetate=1 0.12
Solubility in Water	Negligible	Reactivity in Water	Does Not Apply		
Appearance and Odor	Light colored liquid with an ether-like odor.				

Flash Point **None** Flammable Limits in Air % by Volume **Nonflammable** Lower Upper Extinguisher Media **Water spray, dry chemical, foam or CO₂** Auto-Ignition Temperature **N/A**

Special Fire Fighting Procedures **Self-contained breathing apparatus should be provided in confined fire space. Cool fire-exposed containers with water to prevent pressure build-up.**

Unusual Fire and Explosion Hazards **If Mozal 14 is allowed to evaporate sufficiently, a flash point will develop. At approximately 50% of volume, a flash point of 105°F will develop.**

SECTION 4 - PHYSICAL HAZARDS

Stability Unstable Conditions
Stable to Avoid

Incompatibility
(Materials to Avoid) Avoid contact with oxygen, alkali metals, open flames and electrical arcs.

Hazardous
Decomposition Products Hydrogen chloride gas and other vapors.

Hazardous May Occur Conditions
Polymerization Will Not Occur to Avoid

SECTION 5 - HEALTH HAZARDS

Threshold
Limit Value 50 PPM

Signs and Symptoms of Exposure 1. Acute Overexposure Light-headedness to unconsciousness and death. Irritating to eyes and skin.

2. Chronic Overexposure Headache, mental confusion, fatigue, loss of appetite, nausea, vomiting cough, balance and visual problems, dermatitis on skin.

Medical Conditions Generally Aggravated by Exposure Persons with disease of lungs, liver, kidney or heart or with high blood pressure or with chronic skin conditions.

Chemical Listed as Carcinogen or Potential Carcinogen National Toxicology Program Yes No IARC Monographs Yes No OSHA Yes No

OSHA Permissible Exposure Limit 100 PPM ACGIH Threshold Limit Value 50 PPM Other Exposure Limit Used N/A

Emergency and First Aid Procedures

1. Inhalation Get person to fresh air. If breathing has stopped, resuscitate and administer oxygen. Seek immediate medical attention.

2. Eyes Flush material out immediately, then seek medical attention.

3. Skin Wash with soap and water. Soothing ointment may be applied. Seek medical attention.

4. Ingestion Induce vomiting. Keep airway clear. Immediate medical attention.

SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Use a NIOSH/MSHA approved respirator following manufacturer's recommendations,

Ventilation Well-Ventilated Local Exhaust Adequate Mechanical (General) If Available Special Other

Protective Gloves Neoprene-latex should be worn. Eye Protection Face shield or chemical goggles.

Other Protective Clothing or Equipment Standard work clothing.

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Store in cool, dry place with adequate ventilation.

Other Precautions Aluminum is not recommended for storage or handling.

Steps to be Taken in Case Material is Released or Spilled Spills may be soaked up with absorbent materials and placed in containers to be disposed of in accordance with Federal, State and local regulations.

Waste Disposal Methods In accordance with all applicable Federal, State, and local health and environmental regulations.

IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.

ATTACHMENT B

SDS for Sodium Permanganate

SAFETY DATA SHEET

1. Identification

Product identifier F2SP-40, Sodium Permanganate

Other means of identification

SDS number -

Recommended use Sodium Permanganate is a liquid oxidant recommended for applications that require a concentrated permanganate solution.

Recommended restrictions Use in accordance with supplier's recommendations.

Manufacturer/Importer/Supplier/Distributor information

Company name F2 Industries, LLC

Address 5543 Edmondson Pike # 156
Nashville, TN, 37211 USA

Telephone 615-459-4620

E-mail reb@f2ind.com

Website www.f2ind.com

Contact person William "Reb" Ferrell

Emergency Telephone For Hazardous Materials [or Dangerous Goods] Incidents ONLY
(spill, leak, fire, exposure or accident), call CHEMTREC at
CHEMTREC®, USA: 001 (800) 424-9300
CHEMTREC®, Canada: 001 (703) 527-3887

2. Hazard(s) identification

Physical hazards Oxidizing solids Category 2

Health hazards Acute toxicity, oral Category 4

Skin corrosion/irritation Category 1B

Serious eye damage/eye irritation Category 1

Specific target organ toxicity, single exposure Category 3 (Respiratory Tract irritation)

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 1

Hazardous to the aquatic environment, long-term hazard Category 1

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement May intensify fire; oxidizer. Harmful if swallowed. Causes severe skin burns and eye damage. May cause respiratory irritation. Very toxic to aquatic life with long lasting effects.

Precautionary statement

Prevention

Keep away from heat. Keep/Store away from clothing and other combustible materials. Take any precaution to avoid mixing with combustibles. Use only outdoors or in a well-ventilated area. Do not breathe the mist or vapor. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Do not eat, drink or smoke when using this product. Avoid release to the environment.

Response

In case of fire: Use water for extinction. If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If exposed: Call a poison center/doctor. Collect spillage.

Storage	Store locked up. Store in a well-ventilated place. Keep container tightly closed.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazard(s) not otherwise classified (HNOC)	None known.

3. Composition/information on ingredients

Substances

Chemical name	CAS number	%
Sodium Permanganate	10101-50-5	36 - 40

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Get medical attention immediately.
Skin contact	Take off immediately all contaminated clothing. (Caution: Solution may ignite certain textiles.) Immediately flush skin with plenty of water. Get medical attention immediately. Wash contaminated clothing before reuse. Contact with skin may leave a brown stain of insoluble manganese dioxide. This can be easily removed by washing with a mixture of equal volume of household vinegar and 3% hydrogen peroxide, followed by washing with soap and water.
Eye contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids wide apart. Continue rinsing. Get medical attention immediately.
Ingestion	Immediately rinse mouth and drink plenty of water. Never give anything by mouth to a victim who is unconscious or is having convulsions. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately.
Most important symptoms/effects, acute and delayed	Contact with this material will cause burns to the skin, eyes and mucous membranes. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. In case of shortness of breath, give oxygen. Decomposition products are alkaline. Brown stain is insoluble manganese dioxide.
General information	In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. For personal protection, see Section 8 of the SDS. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media	Flood with water from a distance, water spray or fog.
Unsuitable extinguishing media	The following extinguishing media are ineffective: Dry chemical. Foam. Carbon dioxide (CO ₂). Halogenated materials.
Specific hazards arising from the chemical	May intensify fire; oxidizer. May ignite combustibles (wood, paper, oil, clothing, etc.). Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction. Oxidizing agent, may cause spontaneous ignition of combustible materials. By heating and fire, corrosive vapors/gases may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Selection of respiratory protection for firefighting: follow the general fire precautions indicated in the workplace.
Fire-fighting equipment/instructions	Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply. Dike fire control water for later disposal. Water runoff can cause environmental damage.
General fire hazards	The product is not flammable. May intensify fire; oxidizer. May ignite combustibles (wood, paper, oil, clothing, etc.). Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep upwind. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid inhalation of vapors and contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Keep combustibles (wood, paper, oil, etc.) away from spilled material. Should not be released into the environment. This product is miscible in water. Stop leak if possible without any risk. Dike the spilled material, where this is possible. Clean up spills immediately by sweeping or shoveling up the material. Do not return spilled material to the original container; transfer to a clean metal or plastic drum. To clean up potassium permanganate solutions, follow either of the following two options:

Option # 1: Dilute to approximately 6% with water, and then reduce with sodium thiosulfate, a bisulfite or ferrous salt solution. The bisulfite or ferrous salt may require some dilute sulfuric acid (10% w/w) to promote reduction. Neutralize with sodium carbonate to neutral pH, if acid was used. Decant or filter and deposit sludge in approved landfill. Where permitted, the sludge may be drained into sewer with large quantities of water.

Option # 2: Absorb with inert media like diatomaceous earth or inert floor dry, collect into a drum and dispose of properly. Do not use saw dust or other incompatible media. Disposal of all materials shall be in full and strict compliance with all federal, state, and local regulations pertaining to permanganates.

To clean contaminated floors, flush with abundant quantities of water into sewer, if permitted by federal, state, and local regulations. If not, collect water and treat as described above.

Never return spills in original containers for re-use. For waste disposal, see Section 13 of the SDS.

Environmental precautions

Do not allow to enter drains, sewers or watercourses. Contact local authorities in case of spillage to drain/aquatic environment.

7. Handling and storage

Precautions for safe handling

Take any precaution to avoid mixing with combustibles. Do not get this material in your eyes, on your skin, or on your clothing. Do not breathe dust or mist or vapor of the solution. Use personal protective equipment as recommended in Section 8 of the SDS. If clothing becomes contaminated, remove and wash off immediately. Spontaneous ignition may occur in contact with cloth or paper. When using, do not eat, drink or smoke. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid release to the environment.

Conditions for safe storage, including any incompatibilities

Store locked up. Keep container tightly closed and in a well-ventilated place. Store in a cool, dry place. Store away from incompatible materials (See Section 10). Store in accordance with NFPA 430 requirements for Class II oxidizers.

8. Exposure controls/personal protection

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Sodium Permanganate (CAS 10101-50-5)	Ceiling	5 mg/m ³

US. ACGIH Threshold Limit Values

Components	Type	Value	Form
Sodium Permanganate (CAS 10101-50-5)	TWA	0.1 mg/m ³	Inhalable fraction.
		0.02 mg/m ³	Respirable fraction.

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
Sodium Permanganate (CAS 10101-50-5)	STEL	3 mg/m ³	Fume.
	TWA	1 mg/m ³	Fume.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Exposure guidelines

Follow standard monitoring procedures.

Appropriate engineering controls	Provide adequate general and local exhaust ventilation. An eye wash and safety shower must be available in the immediate work area.
Individual protection measures, such as personal protective equipment	
Eye/face protection	Wear safety glasses with side shields (or goggles). Wear face shield if there is risk of splashes.
Skin protection	
Hand protection	Wear chemical-resistant, impervious gloves. Use protective gloves made of: Rubber or plastic. Suitable gloves can be recommended by the glove supplier.
Other	Wear appropriate chemical resistant clothing. Rubber or plastic apron.
Respiratory protection	In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA 29 CFR 1910.134.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using, do not eat, drink or smoke. Keep from contact with clothing and other combustible materials. Remove and wash contaminated clothing promptly. Wash hands before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. Physical and chemical properties

Appearance	Dark purple liquid.
Physical state	Liquid.
Form	Liquid.
Color	Dark purple.
Odor	Odorless.
Odor threshold	Not available.
pH	5 - 8
Melting point/freezing point	< 24.8 °F (< -4 °C)
Initial boiling point and boiling range	>213.8 °F (> 101 °C)
Flash point	Does not flash.
Evaporation rate	As water.
Flammability (solid, gas)	Non applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable.
Flammability limit - upper (%)	Not applicable.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	760 mm Hg(105 °C)
Vapor density	Not applicable.
Relative density	1.37 – 1.40 (20 °C) (Water = 1)
Solubility(ies)	
Solubility (water)	Miscible with water.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Other information	
Explosive properties	Not explosive. Can explode in contact with sulfuric acid, peroxides and metal powders.
Oxidizing properties	Strong oxidizing agent.

10. Stability and reactivity

Reactivity	Not available.
Chemical stability	Stable at normal conditions.
Possibility of hazardous reactions	Contact with combustible material may cause fire. Can explode in contact with sulfuric acid, peroxides and metal powders.
Conditions to avoid	Contact with incompatible materials or heat (135 °C / 275 °F) could result in violent exothermic chemical reaction.
Incompatible materials	Acids. Peroxides. Reducing agents. Combustible material. Metal powders.
Hazardous decomposition products	By heating and fire, corrosive vapors/gases may be formed. Contact with hydrochloric acid liberates chlorine gas.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Harmful if swallowed.
Inhalation	May cause irritation to the respiratory system.
Skin contact	Causes severe skin burns.
Eye contact	Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics Contact with this material will cause burns to the skin, eyes and mucous membranes. Permanent eye damage including blindness could result.

Information on toxicological effects

Acute toxicity Harmful if swallowed.

Components	Species	Test Results
Potassium Permanganate (CAS 7722-64-7)		
Acute		
<i>Dermal</i>		
LD50	Rat	2000 mg/kg
<i>Oral</i>		
LD50	Rat	2000 mg/kg

Skin corrosion/irritation Causes severe skin burns.

Serious eye damage/eye irritation

Respiratory or skin sensitization

Respiratory sensitization	Not classified.
Skin sensitization	Not classified.

Germ cell mutagenicity Not classified.

Carcinogenicity Not classified.

Reproductive toxicity Not classified.

Specific target organ toxicity - single exposure May cause irritation of respiratory tract.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard Not classified.
May cause damage to respiratory system. Prolonged exposure, usually over many years, to manganese

Chronic effects Chronic effects are not expected when this product is used as intended. Prolonged exposure, usually over many years, to manganese oxide fume/dust can lead to chronic manganese poisoning, chiefly affecting the central nervous system.

12. Ecological information

Ecotoxicity Very toxic to aquatic life with long lasting effects.

Components	Species	Test Results
Potassium Permanganate (CAS 7722-64-7)		
Aquatic		
Fish LC50	Bluegill (<i>Lepomis macrochirus</i>)	2.7 mg/l, 96 hours, static 2.3 mg/l, 96 hours, flow through 2.3 mg/l, 96 hours 1.8 - 5.6 mg/l
	Carp (<i>Cyprinus carpio</i>)	3.16 - 3.77 mg/l, 96 hours 2.97 - 3.11 mg/l, 96 hours
	Goldfish (<i>Carassius auratus</i>)	3.3 - 3.93 mg/l, 96 hours, static
	Milkfish, salmon-herring (<i>Chanos chanos</i>)	> 1.4 mg/l, 96 hours
	Rainbow trout (<i>Oncorhynchus mykiss</i>)	1.8 mg/l, 96 hours 1.08 - 1.38 mg/l, 96 hours 0.77 - 1.27 mg/l, 96 hours
	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>)	0.275 - 0.339 mg/l, 96 hours

Toxicity data are not available for Sodium Permanganate. Toxicity is expected to be similar to that of Potassium Permanganate.

Persistence and degradability	Expected to be readily converted by oxidizable materials to insoluble manganese oxide.
Bioaccumulative potential	Potential to bioaccumulate is low.
Mobility in soil	The product is miscible with water. May spread in water systems.
Other adverse effects	None known.

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with local/regional/national/international regulations.
Hazardous waste code	D001: Ignitable waste The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Waste from residues / unused products	Do not allow this material to drain into sewers/water supplies. Dispose in accordance with all applicable regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Rinse container at least three times to an absence of pink color before disposing. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport information

DOT

UN number	UN3214
UN proper shipping name	Permanganates, inorganic, aqueous solution, n.o.s. (Sodium Permanganate)
Transport hazard class(es)	
Class	5.1
Subsidiary risk	-
Packing group	II

Environmental hazards

Marine pollutant	Yes
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Special provisions	26, 353, IB2, T4, TP1
Packaging exceptions	152
Packaging non bulk	202
Packaging bulk	242

IATA

UN number	UN3214
UN proper shipping name	Sodium Permanganate
Transport hazard class(es)	
Class	5.1
Subsidiary risk	-
Label(s)	5.1
Packing group	II
Environmental hazards	Yes
ERG Code	5L
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.

IMDG

UN number	UN3214
UN proper shipping name	PERMANGANATES, INORGANIC, AQUEOUS SOLUTION, N.O.S. (Sodium Permanganate)
Transport hazard class(es)	
Class	5.1
Subsidiary risk	-
Label(s)	5.1
Packing group	II
Environmental hazards	
Marine pollutant	Yes
EmS	F-H, S-Q
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

US federal regulations	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List. CERCLA/SARA Hazardous Substances – Not applicable. Drug Enforcement Administration (DEA) (21 CFR 1310.02 (b) 8: List II chemical.
------------------------	---

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

CERCLA Hazardous Substance List (40 CFR 302.4)

Potassium permanganate (CAS 10101-50-5) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories	Immediate Hazard - No Delayed Hazard - No Fire Hazard – No
-------------------	--

Pressure Hazard - No
Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Sodium Permanganate	10101-50-5	36 - 40
Potassium Permanganate	7722-64-7	2

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Sodium Permanganate (CAS 10101-50-5)

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number

Sodium Permanganate (CAS 10101-50-5) 6588

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))

Sodium Permanganate (CAS 10101-50-5) 15 % wt

DEA Exempt Chemical Mixtures Code Number

Sodium Permanganate (CAS 10101-50-5) 6588

US state regulations

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

California OSH Hazardous Substance List: Listed.

US. Massachusetts RTK - Substance List

Not regulated.

US. New Jersey Worker and Community Right-to-Know Act

Sodium Permanganate (CAS 10101-50-5)

US. Pennsylvania Worker and Community Right-to-Know Law

Not listed.

US. Rhode Island RTK

Sodium Permanganate (CAS 10101-50-5)

US. California Proposition 65

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Not listed.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 20-March-2015
Revision date 20-March-2015
Version # 01

NFPA Ratings



List of abbreviations

TWA: Time weighted average. LD50: Lethal Dose, 50%.
LC50: Lethal Concentration, 50%.
IMDG: International Maritime Dangerous Goods.
IATA: International Air Transport Association.
MARPOL: International Convention for the Prevention of Pollution from Ships.

References

HSDB® - Hazardous Substances Data Bank
Registry of Toxic Effects of Chemical Substances (RTECS)
IARC Monographs. Overall Evaluation of Carcinogenicity
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

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ATTACHMENT C

Project Forms

Observation Well Log

Huster Substation
 Ameren Missouri
 St. Charles, Missouri

Date: _____

Project #: _____

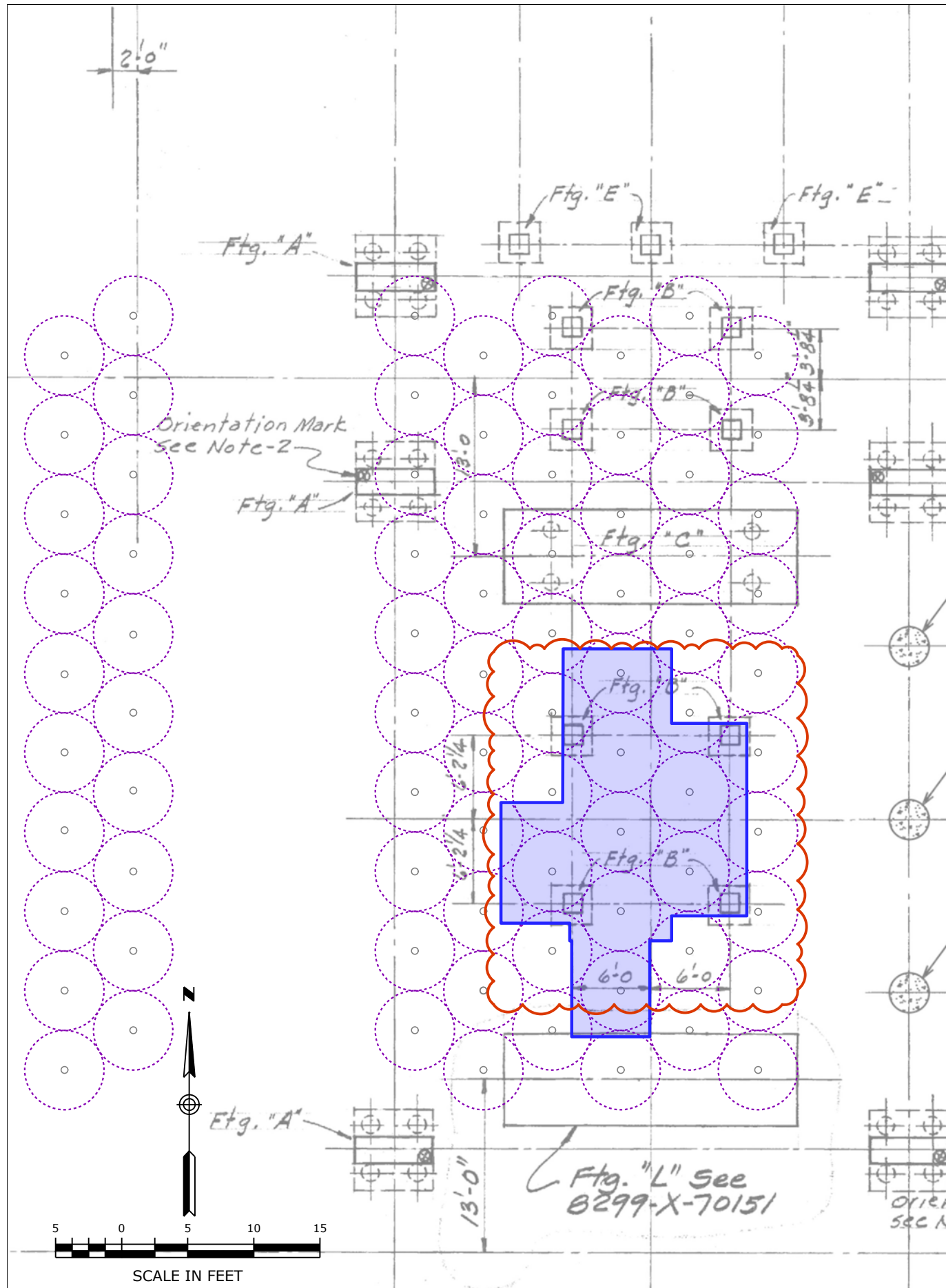
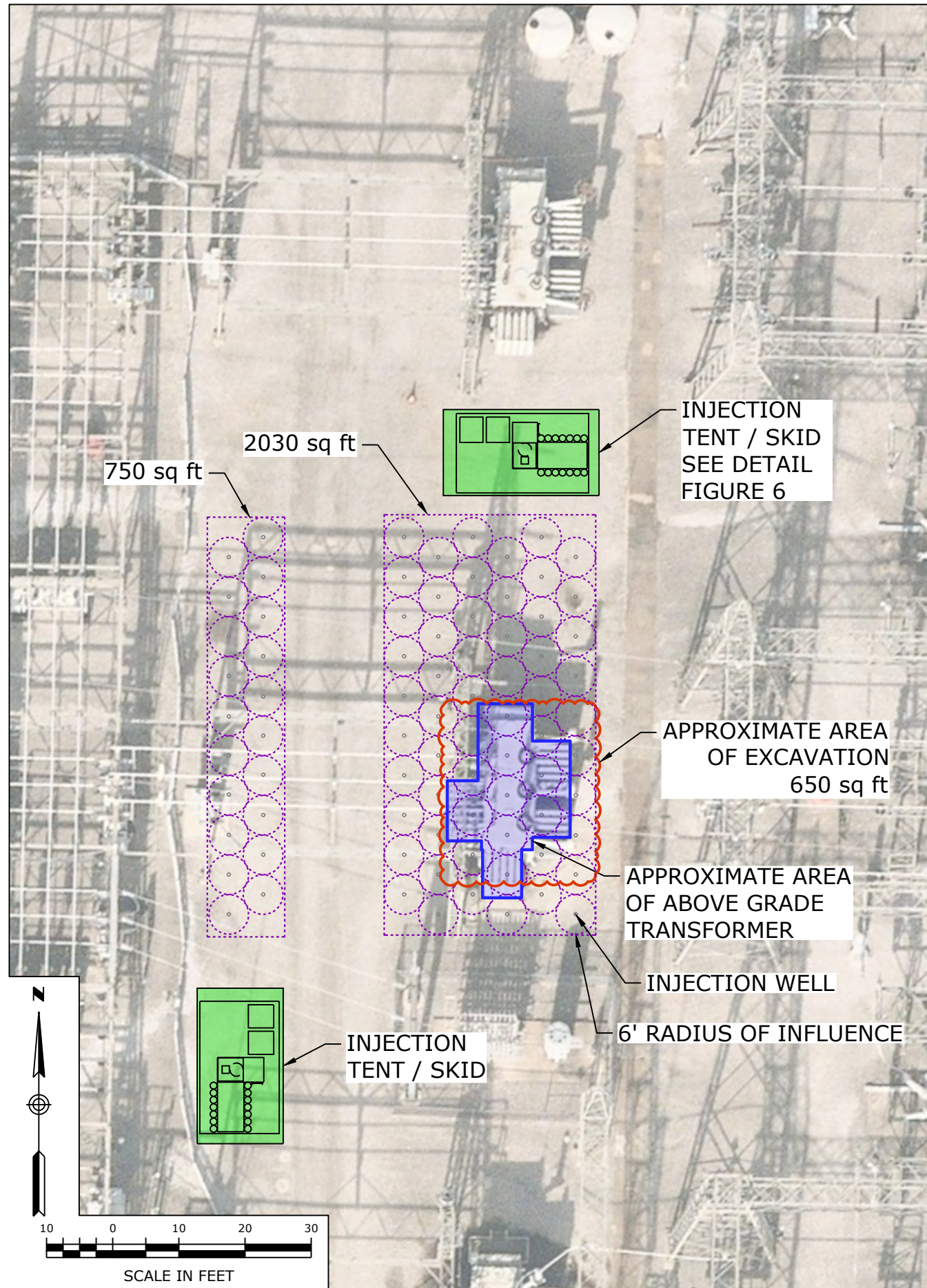
Recorder: _____

Well ID	Screen Interval	Time	Depth to Water (ft)	Approximate Volume Removed (gal)	Color	Colorimetric Chart Concentration (estimation)	Temp (F)	Spec. Cond. (us/cm)	pH	ORP (Eh)	DO (ug/L)	Turbidity (NTU)	Comments
MW-08	35-45												
MW-11	35-45												
MW-12	35-45												
MW-13	32-33												
MW-14	33-34												
IOW-01	30-35												
IOW-02	30-35												
IOW-03	30-35												
IOW-04	30-35												
MW-02	35-45												
MW-03	35-45												
MW-04	35-45												
MW-05	35-45												
MW-09	35-45												
MW-10	35-45												
MW-15	35-45												
MW-25	35-45												

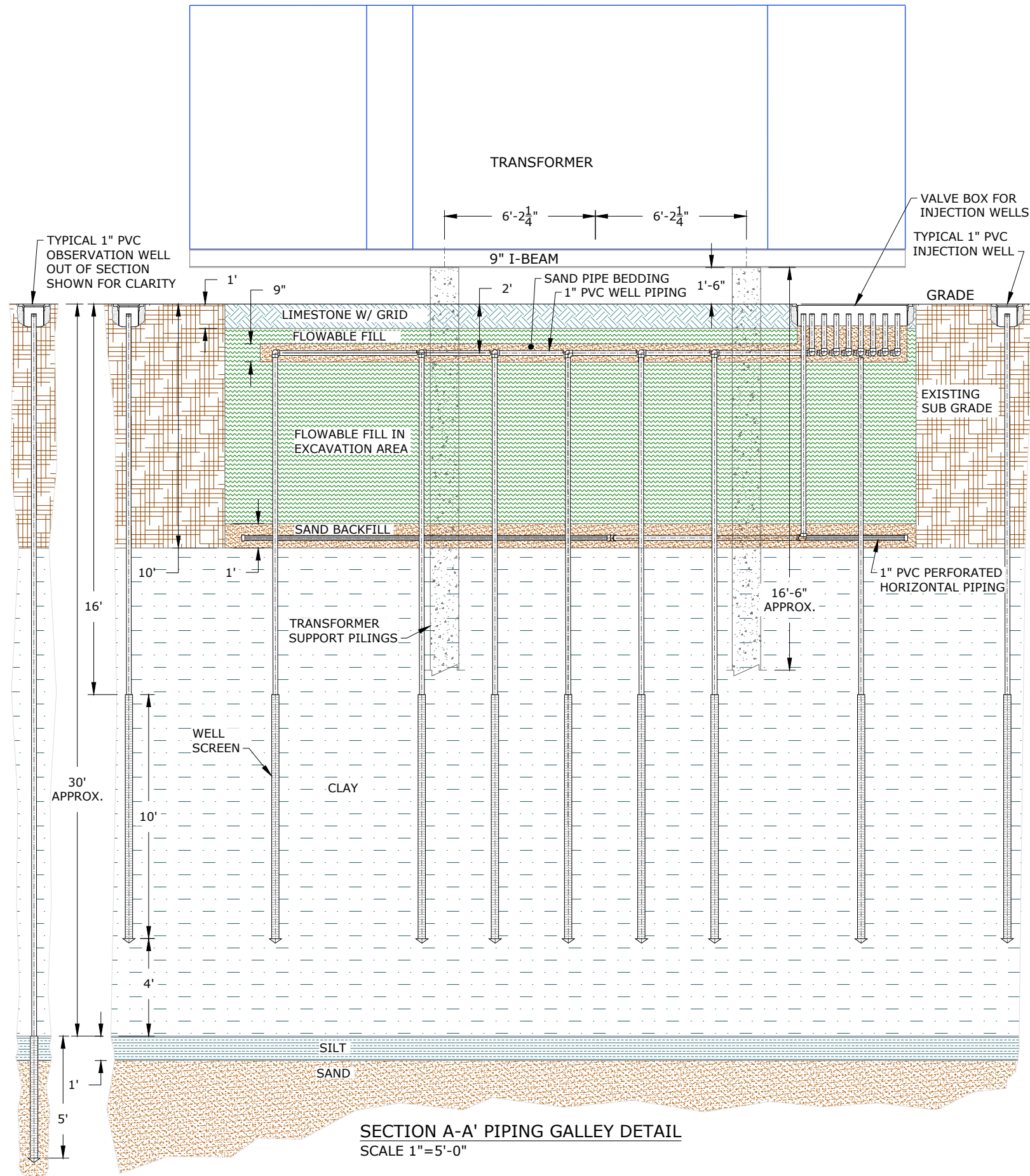
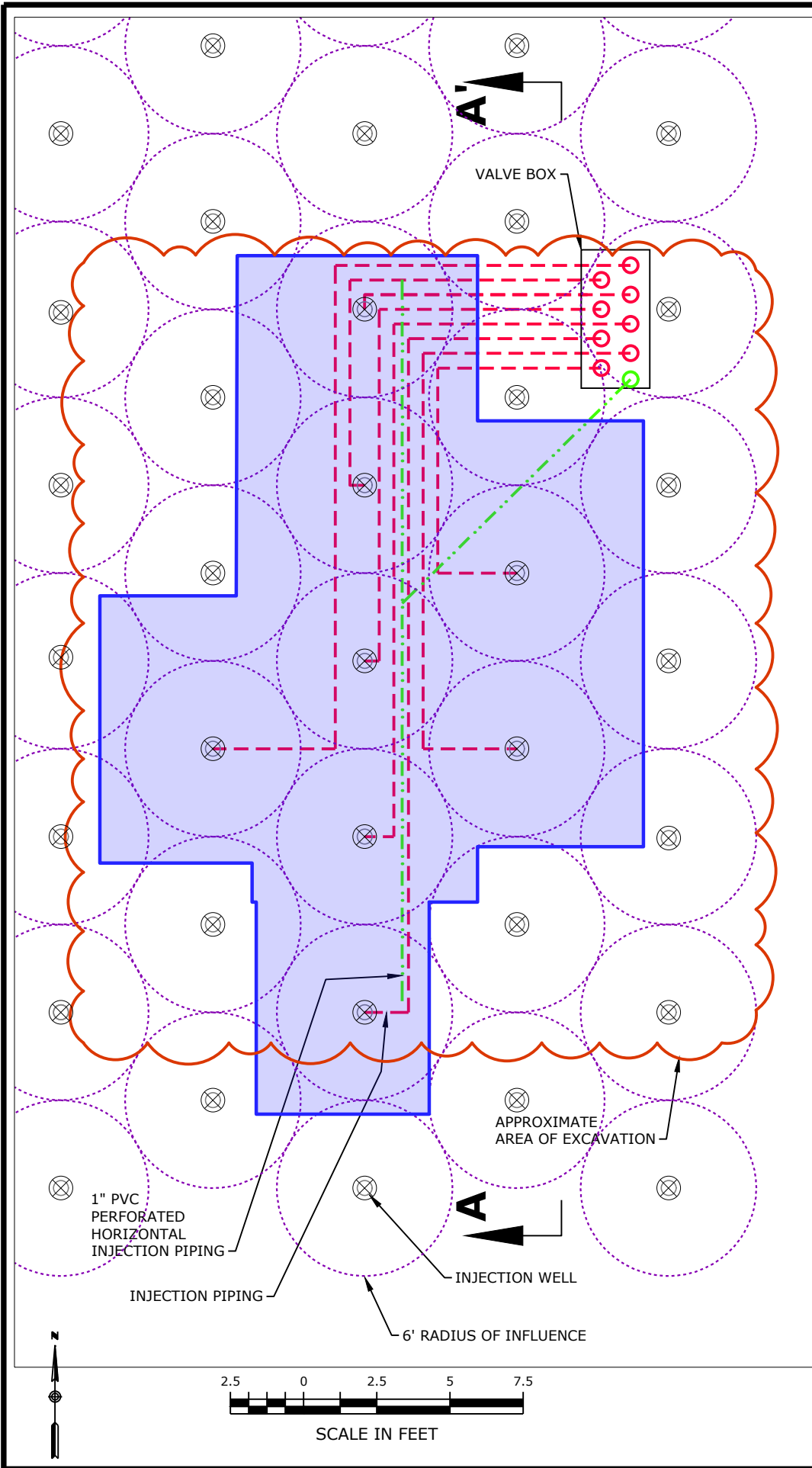
NOTES: _____

ATTACHMENT D

Figures with Title Blocks

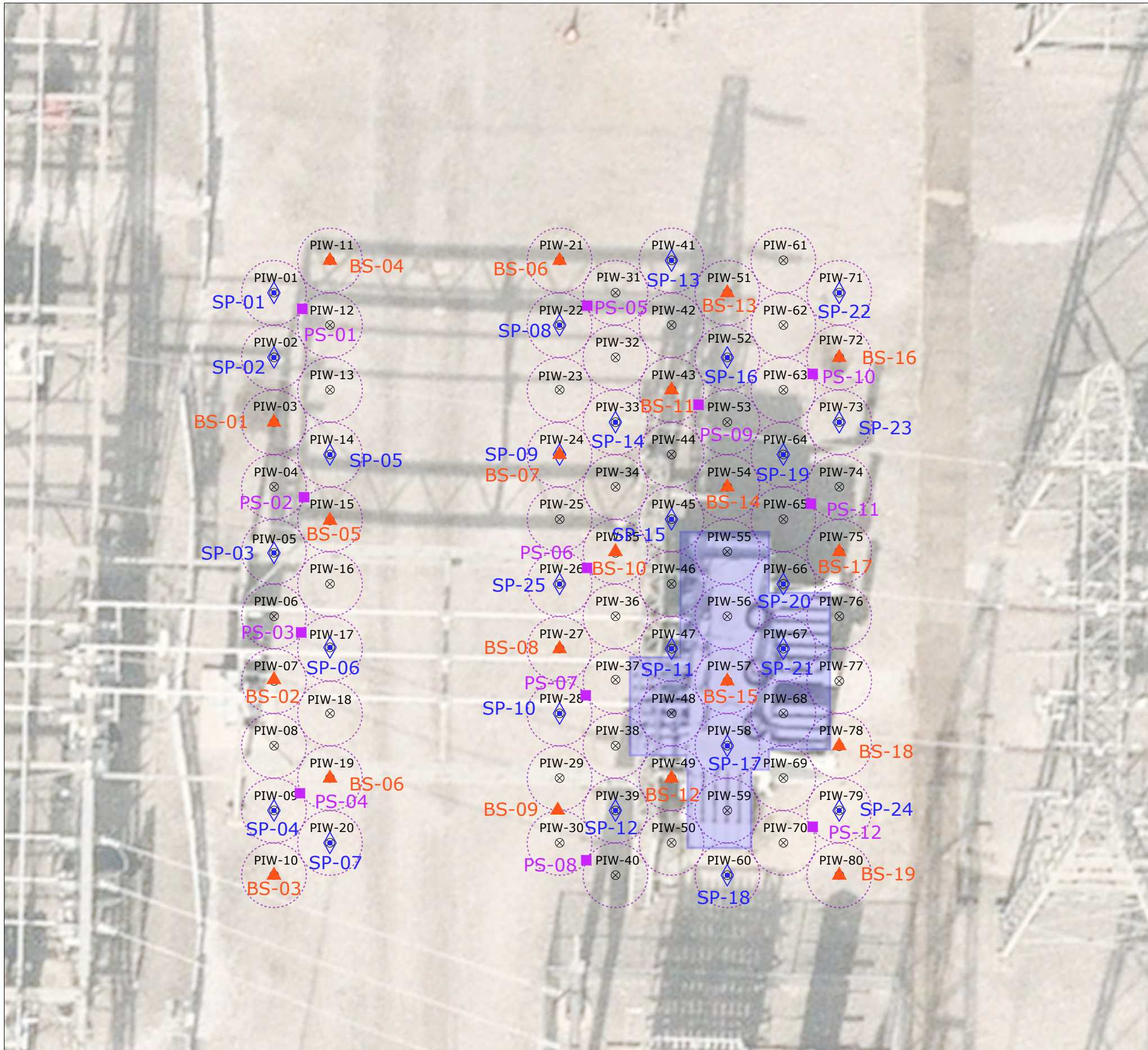


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SCALE	AS SHOWN
COMM. NO.	88UE503
DATE	10/09/2025
ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN SITE PLAN DETAIL AND FOUNDATIONS PREPARED FOR: AMEREN MISSOURI HUSTER ROAD SUBSTATION	
FIGURE 7	

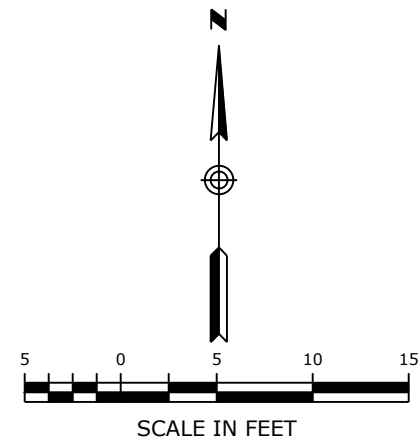


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SCALE AS SHOWN	COMM. NO. 88UE503	DATE 10/09/2025
ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN ENLARGED SITE PLAN AND GEOLOGIC CROSS SECTION		
PREPARED FOR: AMEREN MISSOURI HUSTER ROAD SUBSTATION		
FIGURE 8		



- LEGEND**
- ◆ BASELINE WATER SAMPLE
 - ▲ BASELINE SOIL SAMPLE
 - POST-TREATMENT SOIL SAMPLE
 - ⊗ INJECTION WELL



SCALE	COMM. NO.	DATE
AS SHOWN	88UE503	10/09/2025

ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN

SITE PLAN AND SAMPLING LOCATIONS

PREPARED FOR:
AMEREN MISSOURI
 HUSTER ROAD SUBSTATION

FIGURE 9

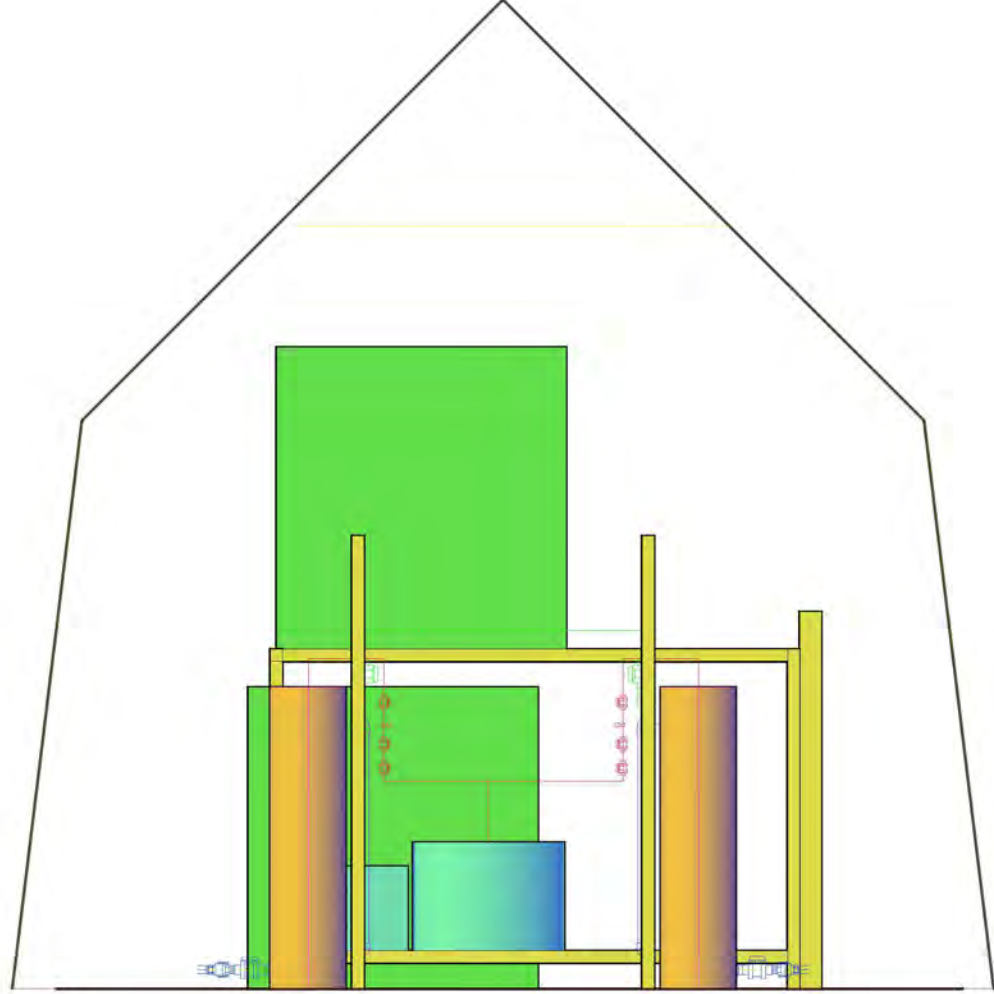
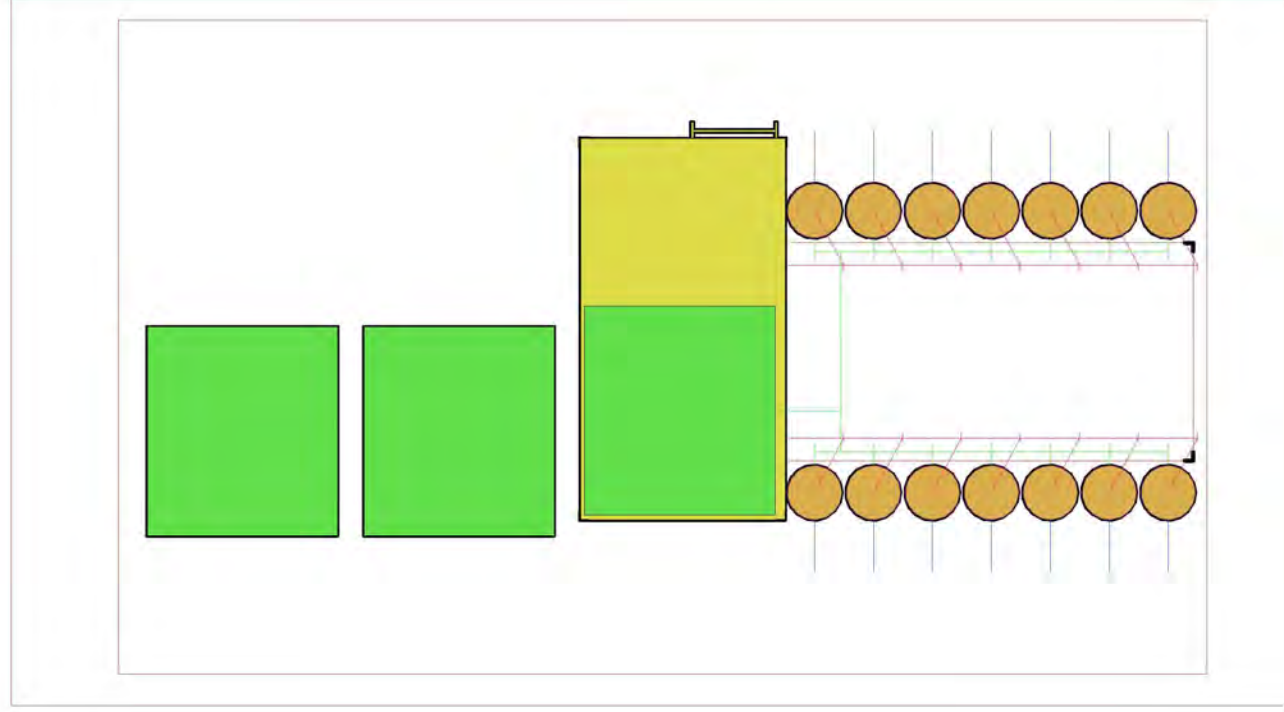
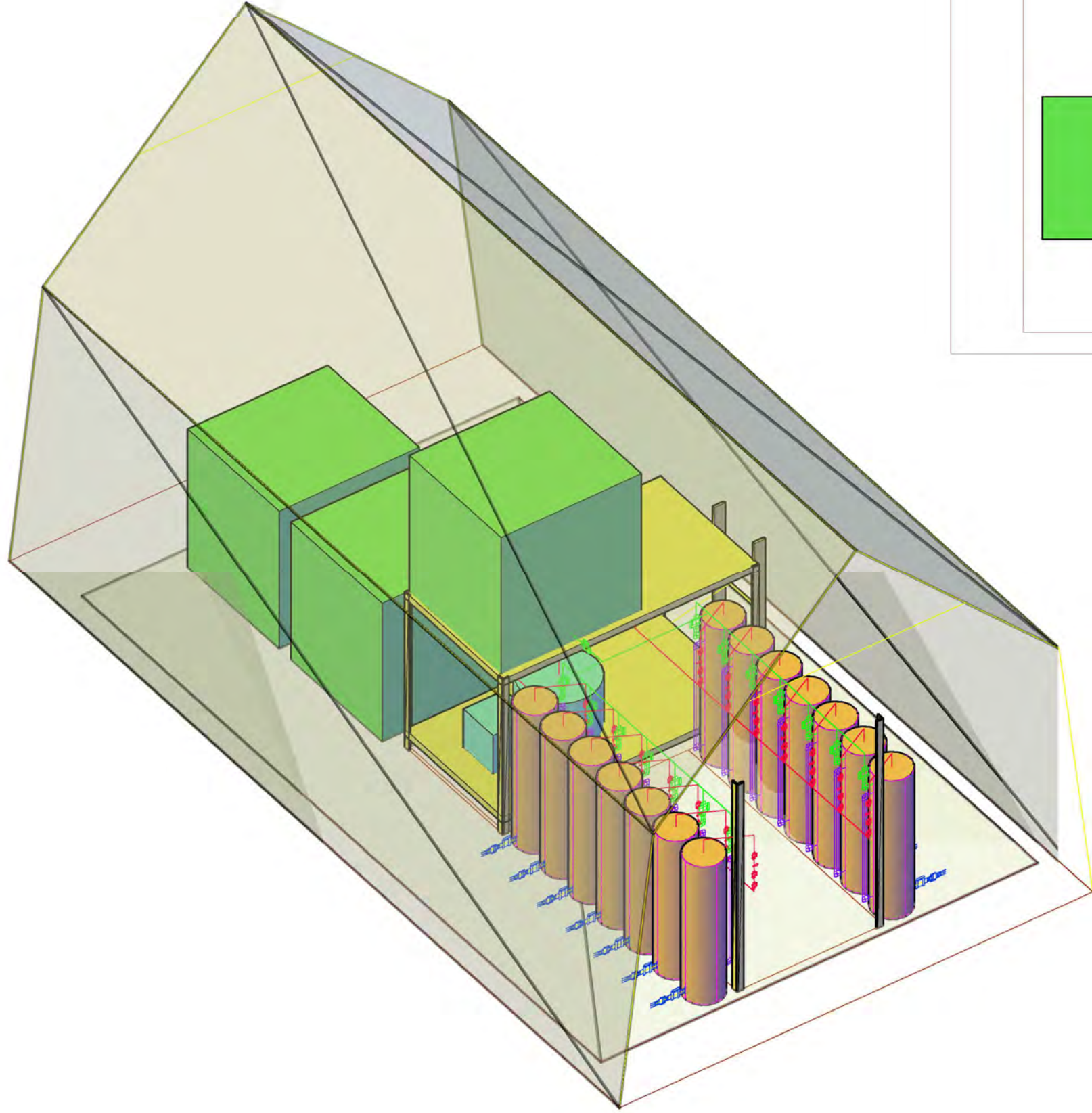


FIGURE 10

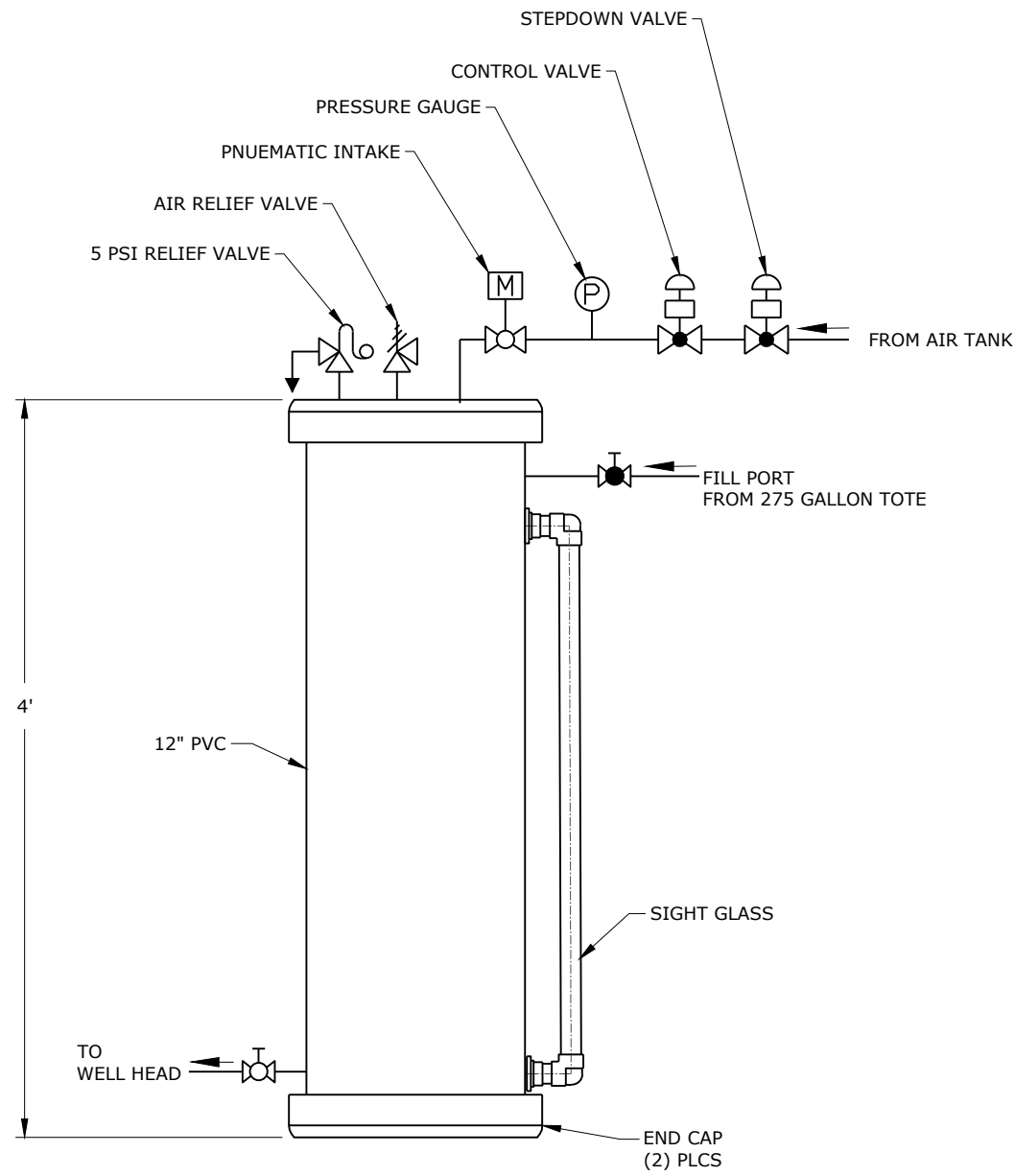
ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN
INJECTION SKID AND DISTRIBUTION TANK CONCEPT

PREPARED FOR:
AMEREN MISSOURI
HUSTER ROAD SUBSTATION

SCALE AS SHOWN
COMM. NO. 88UE503
DATE 09/03/2025



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DISTRIBUTION TANK DETAIL

SCALE 1"=1'-0"

NOTES:

1. (23) GALLON CAPACITY w/ (2.5) GALLON HEADSPACE
2. (5.6) GALLON PER DAY OF INJECTION



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SCALE
AS SHOWN

COMM. NO.
88UE503

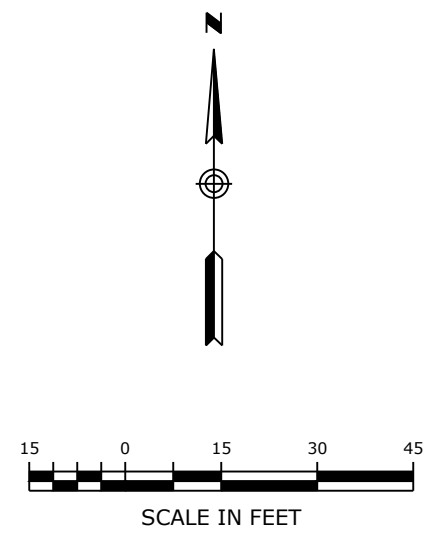
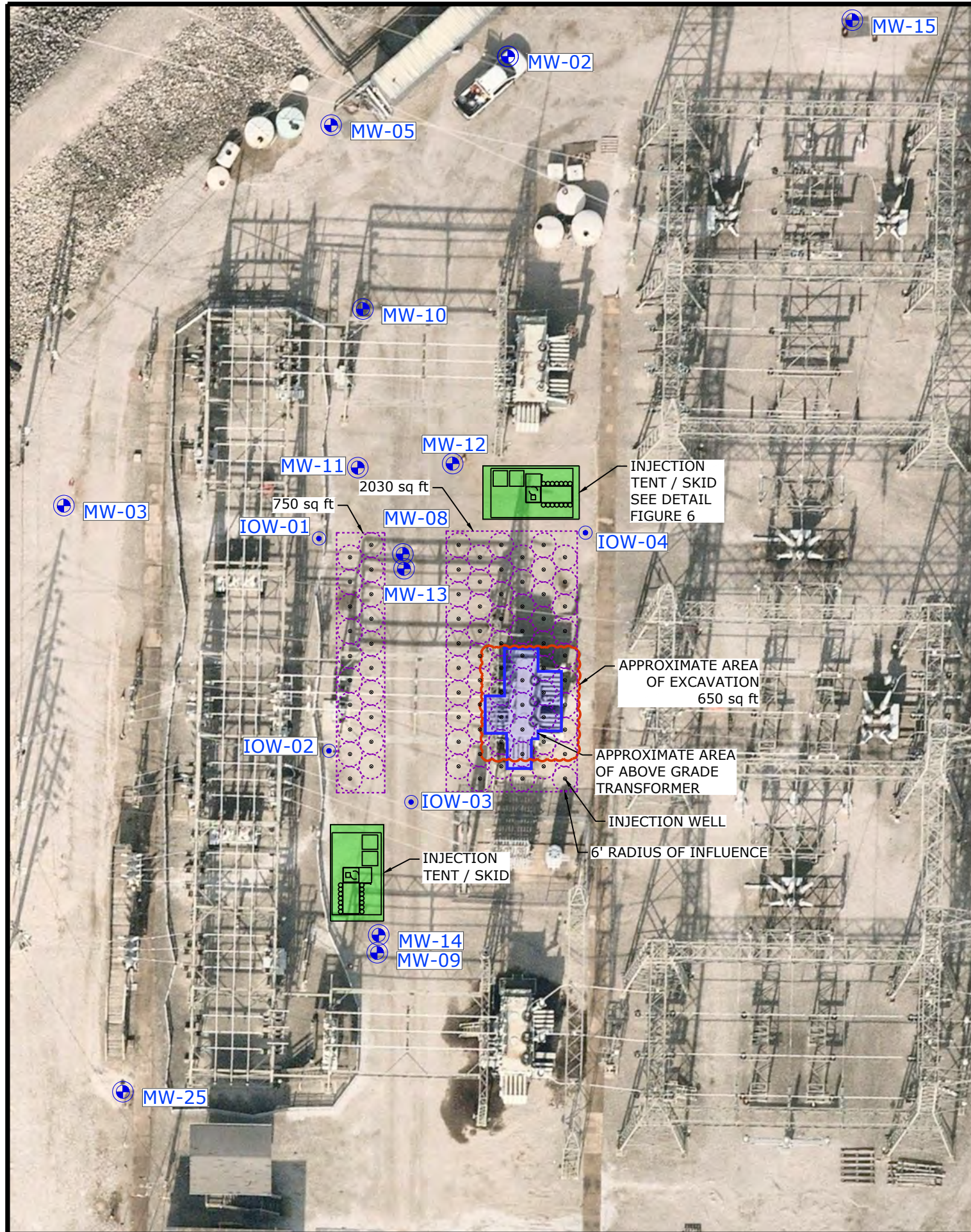
DATE
10/09/2025


ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN

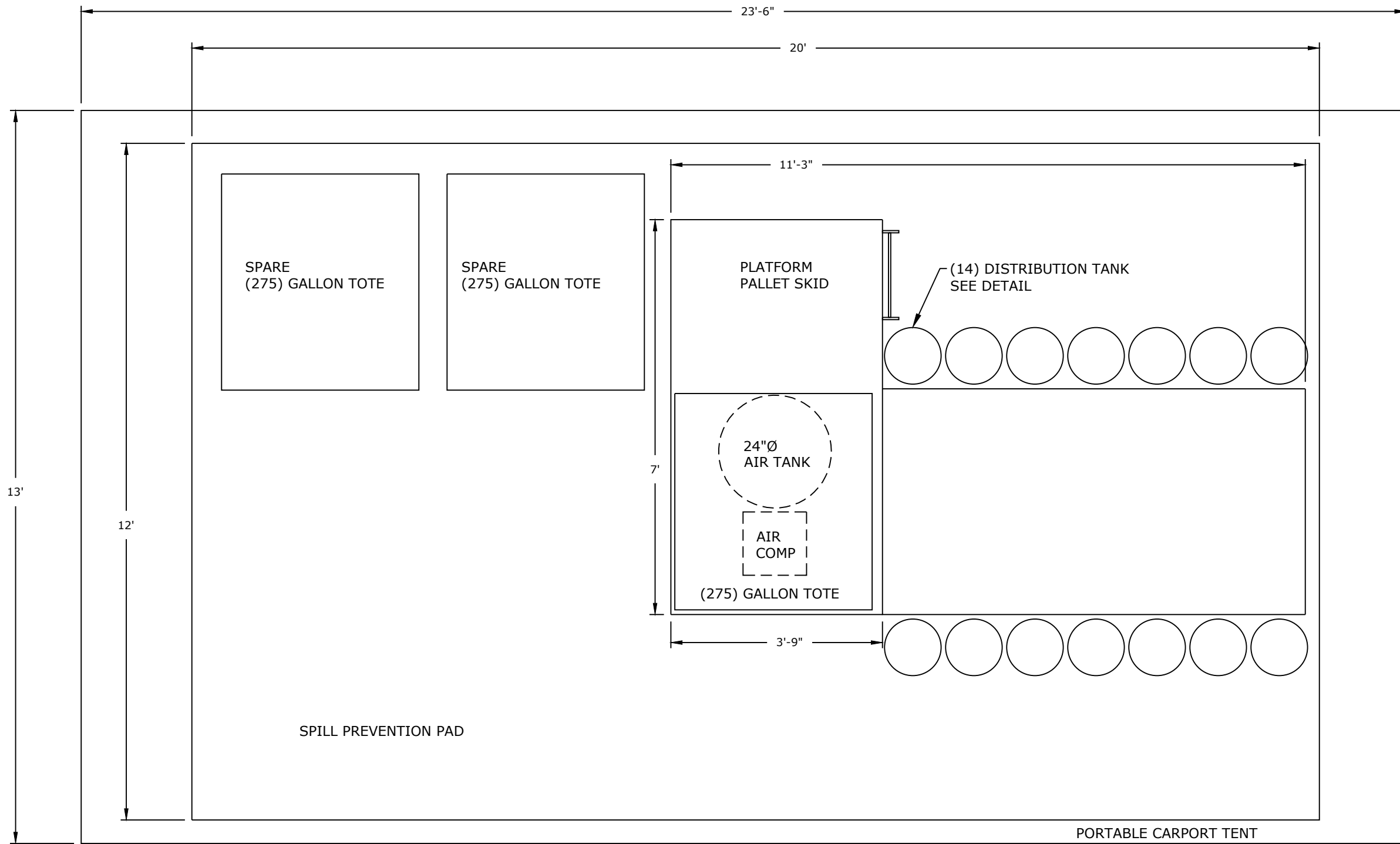
DISTRIBUTION TANK DETAIL

PREPARED FOR:
AMEREN MISSOURI
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FIGURE 11



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SCALE AS SHOWN	COMM. NO. 88UE503
DATE 10/09/2025	
ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN SITE PLAN WITH SAMPLING AND INJECTION LOCATIONS	
PREPARED FOR: AMEREN MISSOURI HUSTER ROAD SUBSTATION	
FIGURE 12	



INJECTION SKID / TENT DETAIL
SCALE 1"=2'-0"

SCALE AS SHOWN
COMM. NO. 88UE503
DATE 10/09/2025

ISCO SYSTEM & OBSERVATION WELL CONCEPTUAL DESIGN

INJECTION SKID DETAIL

PREPARED FOR:
AMEREN MISSOURI
HUSTER ROAD SUBSTATION

FIGURE 13

ATTACHMENT E

Soil Management Plan

SOIL MANAGEMENT PLAN

AMEREN MISSOURI
Findett Corporation/Hayford Bridge Road
OU4 Huster Road Substation
3800 Huster Road
St. Charles, Missouri



Prepared By:

AMEREN MISSOURI
1901 CHOUTEAU AVENUE
ST. LOUIS, MISSOURI 63103

October 2025

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Tables

Table 1 – Chemicals of Concern

Figures

Figure 1 – Site Map

Acronyms

ANSI	American National Standards Institute
ASTM	American Society for Testing Materials
BMP	Best management practice
CFR	Code of Federal Regulations
cis-DCE	cis-1,2-Dichloroethene
COC	Chemicals of concern
CVOC	Chlorinated volatile organic compound
DPT	Direct push technology
GETS	Groundwater Extraction Treatment System
HASP	Health and safety plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
NPL	National Priorities List
MCL	Maximum contaminant level
ORO	Oil range organics
OSHA	Occupational Safety and Health Administration
OU	Operable unit
PCB	Polychlorinated biphenyls
PCE	Tetrachloroethene
PPE	Personal protective equipment
PRP	Potentially responsible party
SMP	Soil Management Plan
SVOC	Semi-volatile organic compound
TCE	Trichloroethene
TPH	Total petroleum hydrocarbons
USEPA	United States Environmental Protection Agency
VC	Vinyl Chloride
VOC	Volatile organic compound

1 Project Description

Huster Road Substation (Huster Substation, the Site), an approximately 6.5-acre property located at 3800 Huster Road in St. Charles, Missouri, is Operable Unit (OU) 4 of the larger Findett Superfund Site (nominated for the National Priorities List [NPL] in 1984). Historic maintenance activities at Huster Substation, constructed by Ameren Missouri (Ameren) in 1963, involved the use of solvents containing chlorinated volatile organic compounds (CVOCs) for degreasing and metal cleaning operations.

cis-1,2-Dichloroethene (cis-DCE) was detected in CW-05 in the Elm Point Wellfield in June 2010. Subsequent studies were conducted to determine the potentially responsible party (PRP). In 2012, CVOCs, including tetrachloroethene (PCE), trichloroethene (TCE), cis-DCE, and vinyl chloride (VC), were identified in soils at Huster Substation. Cis-DCE and VC were discovered in groundwater in the vicinity of the Site, CW-05, and south of Highway 370. The substation was identified as a separate source of impacts in the Elm Point Wellfield, and it was entered into the Findett Superfund Site as OU4 in 2012.

Remediation activities conducted during the 2014 – 2015 timeframe eliminated known contamination outside the substation. Enhanced In-Situ Bioaugmentation Attenuation (Enhanced Bio) and the Groundwater Extraction and Treatment System (GETS) technologies have been in operation since 2014 and have remediated a significant amount of contamination within the substation.

In 2021, the City of St. Charles began pumping water from city production well CW-06, located north of the Site. This well had been previously offline for several years. In December 2021, cis-DCE and VC were detected in groundwater samples collected at piezometer location PZ-11, approximately 110 feet southwest of CW-06. Both PZ-11 and CW-06 are outside the previously documented 2012 plume. This finding prompted the United States Environmental Protection Agency (USEPA) to conduct a limited soil and groundwater investigation using direct-push technology (DPT) investigation in the area. The April 2023 DPT results identified CVOCs north of Highway 370 near PZ-11 (borings B-4 thru B-6) and south of Highway 370 just east of PZ-10 (borings B-11 thru B13).

In 2023 additional remediation treatments have been implemented outside to the north of the substation to address CVOc contamination in these areas. Remediation treatments have also been implemented within the substation to further reduce residual CVOc concentrations at the source area. Although CVOc concentrations in the groundwater within the substation are now near or below the maximum contaminant level (MCL) for cis-DCE and VC across the Site, the soils within the Site still contain CVOcs.

The Site (the area of the substation within the berm) is subject to this Soil Management Plan (SMP). Figure 1 includes a site map with the area subject to this SMP.

2 Description of Area and Contaminants Subject to the SMP

Soil samples obtained from the area near Transformer #2 indicate that historical use of solvents at the Site contributed CVOC impacts to soil¹. The following table includes the potential chemicals of concern that have been identified in the soil at the Site.

Table 1 – Chemicals of Concern

1,1-Dichloroethene
Acetone
cis-1,2-Dichloroethene
Tetrachloroethylene
Toluene
Trichloroethylene
trans-1,2-Dichloroethene
Vinyl chloride

¹ See the following report for soil sampling information: Civil & Environmental Consultants, Inc., *Site Investigation Data and Documents*, January 2013 (prior to any remedial activities)

3 Soils/Material Management

The soils beneath the gravel fill at the Site continues to present a threat to human health and the environment; therefore, the intent of this plan is to limit worker exposure to soils where possible. If excavation, construction, or emergency work is required at the substation, the Ameren personnel or contractor will be required to collaborate with Ameren Environmental Services to determine if the area of work has impacted soils. If work is being conducted in an area of impacted soils, an addendum to the Soil Management Plan must be created. The plan must meet the following requirements:

- Excavated soils will be directly placed into roll-off containers to prevent contact with stormwater, limiting runoff and the ability to spread into uncontaminated areas;
- If there is indication of impacts (sheen, staining, odor, etc.) in excavated soils, these soils will be kept separate;
- Laboratory analysis of soils will be performed to determine proper disposal requirements.

If the excavation is not an emergency then USEPA must be provided with a plan that includes the purpose of the excavation, the planned removal and replacement procedures, and planned stockpiling procedures, and the proposed laboratory analysis and/or available analytical results for the area to be excavated.

4 Personal Protective Equipment and Training

All personnel working on-Site must comply with applicable state and federal health and safety regulations, including, but not limited to, the Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) 1910 and 29 CFR 1926. All personnel must be familiar with the policies and procedures included in the health and safety plan (HASP). If there are conflicting requirements, the practices which provide the highest level of safety should be applied.

4.1 Personnel Protective Equipment

General site activities will be completed in Level D personal protective equipment (PPE), at a minimum, to include:

- Hard hat (American National Standards Institute [ANSI] Z89.1-2014 approved)
- Chemical-resistant safety-toe boots (American Society for Testing Materials [ASTM] F2412-24/F2413-24 tested)
- Nitrile gloves (ANSI/ISEA 105-2016 approved)
- Safety glasses (ANSI Z87.1-2020 approved)
- Safety vest

Depending on what activities are being performed, a higher level of PPE may be required. Project specific PPE requirements will be outlined in the project specific HASP and SMP addendum.

4.2 Personnel Decontamination

Personnel decontamination procedure details should be included in the project specific HASP and SMP addendum.

In general, personnel decontamination for chemicals of concern (COCs) will include, but is not limited to, washing off safety footwear, proper disposal of nitrile gloves, and washing arms, hands, and face prior to eating, drinking, or smoking. A full body shower will be required as soon as practicable after leaving the Site.

Nitrile gloves and any other disposable PPE will be containerized in trash bags and sealed for disposal.

4.3 Equipment Decontamination

All equipment will be decontaminated of all encrusted soil with a detergent (Alconox or similar) and clean water rinse prior to being taken off-Site. Equipment includes, but is not limited to, drill rig augers, excavators, shovels, hand trowels, etc.

Decontamination will be conducted in a designated area. Decontamination water will be collected, containerized, and characterized for disposal.

4.4 Personnel Training

Each project will have a project-specific HASP. The HASP should describe the training required for personnel working on-Site. The HASP will be reviewed by personnel prior to commencing any work.

At least one on-Site project manager or site supervisor will be required to have 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training, as required by the OSHA guidelines in 29 CFR Part 1910. This project manager/site supervisor will be responsible for ensuring that OSHA guidelines, HASP requirements, and SMP requirements are being followed by all on-Site personnel.

5 Waste Segregation/Stockpile Management

If soil must be excavated at the Site, it should be ensured that all excavated soils are addressed appropriately.

- If work is not an emergency, a detailed addendum to the Soil Management Plan describing the proposed activities and proper handling of waste materials will be provided to USEPA;
- Excavated soils will be directly placed into roll-off containers to prevent contact with stormwater, limiting runoff and the ability to spread into uncontaminated areas;
- If there is indication of impacts (sheen, staining, odor, etc.) in excavated soils, these soils will be kept separate;
- Laboratory analysis of soils will be performed to determine proper disposal requirements.

6 Dust Control

On-Site personnel and contractors should implement measures to reduce dust generated at the Site during construction activities. The following measures are a minimum, and alternative and additional dust control measures can be implemented as needed.

- Vehicles and mobile equipment should be operated at reduced speed to reduce visible dust emissions;
- Excavated soils will be directly placed into roll-off containers to prevent contact with wind, limiting ability to spread into uncontaminated areas;
- Soils should remain covered with a tarp or equivalent, if possible.

7 Surface Water Protection

By design, surface water inside the substation infiltrates through the gravel surface layer and is collected in the sump, which is then discharged over the substation berm. The discharge pump operates automatically based on a system of sensors and floats. To limit surface water contact with subsurface soils, the following procedures should be followed:

- The length of time the soil subsurface is exposed to surface water should be minimized as much as possible;
- Excavated soils will be directly placed into roll-off containers to prevent contact with stormwater, limiting runoff and the ability to spread into uncontaminated areas;
- Non-emergency excavations should be avoided during storm events;
- If there is indication of impacts (sheen, staining, odor, etc.) in excavated soils, these soils will be kept separate;
- Best management practices (BMPs) should be used to reduce stormwater contact during excavation work.

8 Equipment Decontamination

All equipment, including drill rig equipment, excavation equipment, handheld tools, field monitoring equipment, and any other items that might have been in contact with potentially impacted soils should be decontaminated after use and before being utilized at a different location on the Site.

Decontamination procedures should begin with removing any residual soils on the equipment, returning it to the excavation or to roll-offs boxes. Following residual soil removal, the equipment should be washed using a mixture of potable water and Alconox® detergent (or equivalent).

If minimal wash water is used (quantity will not mobilize surface sediment or enter the excavation), it is not required to be containerized. If a large quantity of wash water is generated during decontamination and has the potential to mobilize sediment, a central location should be set up for equipment decontamination, and the wash water should be containerized and sampled for proper disposal.

9 Imported Soil Backfill

Imported soil backfill should be free from rocks, wood, debris, or other unsuitable materials and meet any geotechnical/compaction requirements required by the Substations group. Soil should not be frozen.

Soil borings, abandoned monitoring well boreholes, and other small diameter penetrations will be backfilled with hydrated bentonite. Gravel will be placed at the surface of the abandoned boring to match the surface of the surrounding area.

10 Characterization of Wastes

Soil that is excavated at the Site and not returned to the excavation as backfill, as well as large quantities of decontamination water, will be containerized and disposed of at a licensed waste disposal facility capable of handling the materials from the Site. Prior to transport off-Site and disposal, a waste characterization will be performed. Waste characterization will consist of sampling and analyzing the soil/decontamination water to be disposed of. Soil samples can be collected from either soil borings located in the excavation area collected prior to excavation, or from a excavated spoils in a roll-off box after excavation. Decontamination water can be collected from each container of water to be disposed of.

All samples will be analyzed for the following constituents of concern:

- Volatile organic compounds (VOCs)
- Polychlorinated biphenyls (PCBs)

If the excavation is occurring in an area of the substation that is assumed to have impacts from oil, the following will also be analyzed for, in addition to VOCs and PCBs:

- Semi-volatile organic compounds (SVOCs)
- Total petroleum hydrocarbons – oil range organics (TPH-ORO)

If requested by the waste disposal facility, additional constituents will be analyzed.

Copies of the analytical results, sample location, waste profile, and waste manifests will be provided to USEPA as part of the final report described in Section 11.

11 Reporting

Prior to any work that would disturb soils at the Site, an addendum to the SMP will be provided to USEPA to document the proposed activities at the Site. At a minimum, the addendum should include:

- A description of the proposed activities,
- A site map indicating the proposed locations and extent of work,
- A soil disposal plan and name of the disposal facility accepting the soil,
- Analytical results and other documentation submitted to the disposal facility,
- Planned storm water management/controls
- Planned dust control activities,
- Excavation plan,
- Contingency plan,
- Health and safety plan,
- Decontamination plan, and
- Waste management plan.

Following completion of the work, a final report will be submitted to USEPA including a summary of the completed field work, additional analytical results, waste manifests, landfill tickets, and any other additional pertinent information.

Figure 1—Site Map

Huster Substation Soil Management Plan



— Area subject to the SMP

□ Approximate source area with known impacts to soil

ATTACHMENT F

2014 & 2015 Expanded Permanganate Injections

PILOT TEST SUMMARY REPORT

Huster Substation
St. Charles, Missouri

XDD Project No. 12036

Prepared For:

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September 15, 2014

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Appendix B	Groundwater Data Plots
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1.0 INTRODUCTION

XDD, LLC (XDD) performed pilot tests of several soil treatment remedial measures at the Ameren Missouri's Huster Substation (site) from March 10, 2014 through March 21, 2014. The suspected cause of impact at the substation is historical use of the solvent Mozel. Historical research on Mozel indicates the primary component as 18.3% tetrachloroethene (PCE) This product was utilized to clean substation equipment.

Concentrations of PCE and trichloroethane (TCE), a by-product of PCE, have been identified in the vicinity of transformer #2 of the substation (**Figure 1**) with lower concentrations and other degradation products of the compounds at varying depths and distances away from the transformer. The presence of the degradation products indicates that natural attenuation is occurring and serves as a basis for the in-situ treatment approach used during the pilot tests. In addition to the primary compounds of PCE and TCE, other contaminants of concern (COCs) are trans-1,2-DCE, cis-1,2-DCE, 1,1-DCE, and vinyl chloride (VC).

The in-situ remedial approaches used during the pilot tests are proven methods of reducing the site COCs to the terminal degradation products of ethene and carbon dioxide (CO₂). The technologies used, in order of addressing source to non-source impact, included chemical oxidation; chemical reduction; bioremediation; and a permeable reactive barrier.

2.0 SITE CONDITIONS

The geology of the site consists of a granular surface constructed as the substation grounding grid using limestone rock, copper cable, and sand. This composition is 1-3 feet of rock with the copper cable grid within. Beneath the grid is a natural clay/silty clay material (cohesive unit) of 28-32 feet thickness. This unit has intermixed, discontinuous zones of trace to moderate sand. The unit increases silt composition at depth. Underlying the cohesive units is a sand material to an anticipated depth of 110 feet to bedrock contact. Beneath the substation transformers as part of the facility construction, a sump extends to a depth of 8-10 feet below ground surface (bgs) over an area slightly larger than the transformer coverage. This sump is filled with 3"-4" limestone rock. During the pilot tests, treatment applications focused on the areas of the highest levels of impacts including groundwater within the sand strata which extended to a maximum depth of 40 feet bgs.

The unconfined shallow groundwater at the site was encountered at an approximate depth of 15-16 feet bgs. The geometric mean hydraulic conductivity across this site varies by stratigraphic unit. For the pilot test, average values based on unit type were used for design purposes.

3.0 PILOT TEST OBJECTIVES

The in-situ remedial technologies used during pilot test activities were targeting the treatment of



impacts within the substation identified with concentrations of the COCs exceeding United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for soil and Maximum Contaminant Levels (MCLs) for groundwater as drinking water standards (see table below).

Contaminant	MCL (ug/L*)	RSL (ug/Kg**)
PCE	5	160
TCE	5	110
cis-DCE	70	1,090
VC	2	
*ug/L = micrograms per liter **ug/Kg = micrograms per kilogram		

The primary objectives of the remedial approach included:

- obtain regulatory acceptance throughout the remedial process;
- achieve lower contamination levels on-site to RSLs and MCLs for all COCs in a cost-effective manner for non-residential land use;
- reduce the operation timeframe of the existing groundwater containment system (GCS); and
- minimize interference with the substation operations and subsurface facilities;

4.0 PILOT TESTS

Each of the technologies used during pilot testing activities have been proven to address the chlorinated compounds that are present at the site. The reaction end-products for each of the technologies are innocuous; e.g., inorganic chloride, carbon dioxide, water, ethene, ethane, manganese dioxide precipitate.

4.1 POTASSIUM PERMANGANATE APPLICATION

Potassium permanganate (permanganate) is a strong oxidant proven to oxidize and treat the chlorinated compounds (e.g., PCE, TCE, cis-DCE, VC) found at the site. Permanganate was applied in the areas with elevated COC concentrations near transformer #2 as an aggressive oxidation approach to quickly and significantly reduce the probable source of the release. Three injection wells (MW-39, MW-40, and MW-41) and one sump were used to distribute the permanganate at varying depths below ground surface (**Figure 2**).

The permanganate was delivered to the site in granular form and mixed with potable water in a 550-gallon poly tank. Batch volumes ranged from 300-500 gallons and permanganate concentrations were 25-40 grams per liter (g/L). The application of permanganate during the pilot test was designed to inject the solution within the sump beneath transformer #2 and into adjacent



soils through the three injection wells installed around the sump. The anticipated radius of influence (ROI) around each injection location was 10-feet from the point of injection.

Approximately 3,950 gallons of permanganate solution was injected during the pilot test. The injection volumes at each individual location as well as the injection intervals are summarized below:

Well ID	Well Screen Interval (feet bgs)	Volume of Permanganate Solution Injected (gallons)
MW-39	(25-30)	801
MW-40	(20-25)	884
MW-41	(15-20)	892
SUMP	No screen, set @ 8 feet bgs	1,374
TOTAL		3,951

Performance monitoring was conducted in July 2014, four months following the completion of pilot study activities. Field observations indicated that residual permanganate was still present in groundwater samples collected at each of the four injection locations, indicated by a slight purple tint in color. For comparison purposes, data collected from sample GW-11 (26-30 ft bgs), collected on 6/29/14 by CEC, Inc., will serve as the baseline groundwater concentrations for the above referenced wells (**Table 1**). A groundwater sample was collected from the SUMP in March 2014, prior to the start of pilot test activities. During the July 2014 performance monitoring event, no visual observations of permanganate were noted in the soil samples. Soil analytical data is summarized in **Table 2**.

Laboratory analytical results from soil samples collected around injection well MW-41 indicate the source contaminants (PCE and TCE) were reduced to non-detectable levels in the vertical intervals where permanganate was applied. Refer to bar graphs in **Appendix A** for location SB-41 located in northeast corner of the transformer #2 area, which initially had significant concentrations of COCs and note the significant difference in concentration scale from December 2012 investigation to the June 2014 post-pilot performance testing. PCE and TCE concentrations from 4 ft. bgs down to 28 ft. bgs were remediated to levels below site-specific RSLs, essentially a 99.99% reduction throughout each sampling interval. All that remained after a four-month period is some residual cis-DCE, VC, and a small amount of PCE in a deeper interval that was not treated with permanganate. These areas can be targeted with spot treatments of additional permanganate and will be incorporated into the full scale approach.

Similar results were observed from soil samples collected near MW-40, where PCE and TCE concentrations were reduced to levels below the applicable remedial goals. Small amounts of cis-DCE and VC remain, but will be targeted during the full scale application. Performance



monitoring samples were not collected near MW-39 due to safety concerns over the proximity of the drill rig to the active transformer #2. During full scale application, an outage of this transformer will be scheduled to address impacts in the direct vicinity of the unit.

4.2 EHC[®] IN-SITU CHEMICAL REDUCTION (ISCR) APPLICATION

In the deeper intervals (12-32 feet bgs) within the cohesive strata, clays and silts, enhanced reductive dechlorination (ERD) was applied by the injection of a zero valent iron (ZVI) product (EHC[®]). EHC[®] is a product that combines ZVI, controlled-release carbon, and nutrients to promote strong reducing conditions when applied in subsurface environments where biodegradation is ongoing. Pilot study injections were performed via direct push injection points through Geoprobe[®] drilling rods. Granular form EHC[®] was delivered to the site in 50 pound bags, batched into a slurry with potable water, and injected using an air-powered double diaphragm pump.

Spacing of the injection points was changed between different target areas (between 8 and 10 feet spacing) to evaluate optimal injection point spacing for amendment distribution (**Figure 1**). In order to obtain proper vertical distribution, several gallons of EHC[®] slurry were injected every few feet, with the drilling rods advanced to each vertical interval during injections. The EHC injections were designed to create a reaction barrier as contact is present with the zone(s) of impact as we as serve as a permeable barrier for groundwater flowing through diffusion zone from the cohesive unit to the sand. Injection volumes and target vertical intervals are summarized below:

Injection Location	Target Injection Interval (feet bgs)	Number of Injection Points per Location	Pounds of EHC [®] per Location	Volume of EHC [®] Slurry Injected (gallons)
SB-10	(12-36)	3	950	730
SB-11	(20-36)	3	450	310
SB-41	(5-13),(22-36)	2	650	380
TOTAL			2,050	1,420

Laboratory analytical results from soil samples collected around injection boring SB-10 indicate reduction in source compounds PCE and TCE to non-detectable levels and an overall decrease in cis-DCE concentrations by 70%, and an increase in VC concentrations. The increase in VC is indicative of the dechlorination process as initial compounds in the degradation chain reduce to other compounds. As this process continues over time, the concentrations of the entire PCE degradation chain would be expected to reduce to levels below the applicable remedial objectives if full scale implementation of the impacted area were initiated. Refer to bar graphs in **Appendix A** specific to SB-10 noting the difference in concentration scale from December 2012 investigation to the June 2014 post-pilot performance testing.



Groundwater data collected in July 2014 also confirms that the degradation process is occurring. Refer to **Appendix B** for well trending graphs. While the pilot tests did not address either soil or groundwater directly adjacent to monitoring wells MW-8 or MW-9 (see **Appendix C** for boring/installation logs); EHC injections did occur approximately 20-25 feet away for both MW locations. In addition, permanganate injection occurred approximately 30 feet from MW-8. Both wells, along with their adjacent diffusion wells, identified post-construction spikes followed by trending reductions in COC concentrations. A direct correlation between the injection areas and this downward trend cannot be determined at this time; however, the effective radius of influence observed in the pilot injections at both SB-10 area and SB-11 area provide sufficient data that EHC[®] can be an effective approach at this site.

4.2 IN-SITU BIOAUGMENTATION APPLICATION

An in-situ bioaugmentation (ISB) approach was used for the treatment of the areas within the sand strata with limited impacts to soil and groundwater and in which natural degradation was already occurring. The purpose of using ISB at the site was to create a reactive zone approximately 15 feet in diameter around wells MW-11 and MW-12. The reactive zone was intended to provide sustained/long-term treatment and augment reductive dechlorination of cis-DCE and VC into ethene, ethane, and carbon dioxide (CO₂).

Approximately 18,000 gallons of groundwater was extracted from MW-11 and MW-12 (**Figure 1**). The groundwater was stored in an above ground tank and mixed with the two organic substrates; WilClear[®], a sodium lactate product, and EOS[®], an emulsified oil product. Sodium lactate degrades quickly provides the DHC with an immediate food source, while EOS is a slow-release compound that adsorbs to soils and provides food for an extended period of time. The mixture of substrates with groundwater helped create an anaerobic environment, ideal for DHC to further promote reductive dechlorination. The amended groundwater was monitored for pH, dissolved oxygen (DO), and oxidation reduction potential (ORP) to ensure the solution was anaerobic prior to re-injection. Injection volumes are summarized below:

Well ID	Target Injection Interval (feet bgs)	Volume of Amended Groundwater Injected (gallons)
MW-11	30-40	9,040
MW-12	30-40	8,870
TOTAL		17,910

Upon completion of the pilot test, groundwater performance monitoring (see **Appendix D** for all lab data) was conducted on a monthly basis. Analytical results (**Table 1**) indicate the reductive dechlorination process is ongoing. A comparison of baseline COC concentrations from MW-10



(down-gradient of ISB injections) to samples collected in the months following the pilot test, show an increase in cis-DCE and VC concentrations. Spikes in concentrations of cis-DCE and VC are an expected part of the dechlorination process, and a positive indicator that the process is working. Refer to **Appendix B** for trends at each location.

One potential factor contributing to the elevated levels of cis-DCE at the site is a reduction in the dechlorination rate, possibly due to a slight deviation of geochemical conditions (DO, ORP, pH). While the dechlorination process does not necessarily stop at cis-DCE when geochemical conditions change, it can accumulate due to the reduced rate of dechlorination. Performance monitoring data collected from April 2014 to August 2014 indicate there have been slight fluctuations in ORP levels since the pilot test. However, overall conditions have remained consistently anaerobic, along with relatively stable DO and pH levels.

Another potential cause of increased cis-DCE concentrations in the ISB area is that dense aqueous phase liquid (DNAPL) is present in the surrounding soils. As the COCs are degraded in groundwater, the contaminant mass previously sorbed to soils is introduced into the groundwater via dissolution. If PCE dissolves back into groundwater from soils, the DHC will target the parent compound first, then TCE, before reducing cis-DCE to VC. This results in elevated levels of the degradation compounds which is often misunderstood as the creation of additional contaminants, as opposed to the continued dechlorination of the chain of COC compounds.

ISB is a living process and may need occasional modifications to the groundwater geochemistry of the targeted area in order to maintain the dechlorination process in an efficient manner. Based on the data available over the short period between the pilot study application and the performance monitoring period, all indications are that if optimal conditions can be maintained, ISB can be an extremely effective approach to addressing groundwater impacts. With proper distribution and contact time, the DHC will continue to promote and accelerate the dechlorination process until the entire contaminant mass is destroyed.

5.0 CONCLUSIONS

Each of the three remedial technologies used during the pilot test are proven methods of reducing/eliminating the COCs found at the site. Listed below are key points/observations from the pilot test:

- Permanganate is the quickest reacting and most aggressive approach of the three technologies. The highest concentrations of COCs at the site were found around injection/monitoring well MW-41 and within 4 months (**Table 2**) the COC concentrations were brought down to non-detectable levels, showing a 99.99% reduction in several vertical intervals where permanganate was applied. Residual permanganate was observed in groundwater during performance monitoring events as recently as August 2014 confirming its longevity in the subsurface and possibly indicating the complete oxidation

of contaminant mass in those areas. Additional data will be needed to determine whether the contaminant mass previously sorbed to soils has been completely destroyed. A rebound in COC concentrations would indicate residual mass remains. Due to the intent of a full scale application at this site, this will be evaluated as post-treatment performance monitoring is obtained.

- EHC[®] has proven to be an effective permeable barrier at the site for groundwater passing through the areas of treatment, accelerating the dechlorination process. EHC was applied in less impacted areas compared to those treated with permanganate, however with proper distribution and contact time similar results were observed. Lab data shows a reduction in source compounds PCE and TCE to non-detectable levels at the SB-10 locations (see **Appendix E** for boring logs), and an overall decrease in cis-DCE concentrations by 70%. An increase in VC concentrations was observed, which is expected, and an indication the degradation process is ongoing, but at a slower rate than the more aggressive oxidation approach. While it is expected that this downward trend would continue for the full PCE degradation chain, a full scale implementation and additional data is needed to determine if the observed downward trend in COC concentrations would continue.
- ISB is a cost effective and efficient method of remediating chlorinated volatile organic compounds. With a sufficient food source and sustained anaerobic conditions, the DHC will promote and enhance the dechlorination process in the subsurface treatment areas until inert compounds (ethane, ethane) are all that remain. However, ISB also requires consistent monitoring to ensure the appropriate conditions are maintained. Fluctuations in geochemical conditions may slow the COC degradation process, and may require additional amendments to bring subsurface conditions back to their optimal states.

6.0 PROPOSED FULL-SCALE ACTIONS

Based on the results presented in this report, a full scale implementation of potassium permanganate injections is recommended to treat COCs in the upper silts and clay (0-32 feet bgs). While EHC[®] has been proven to be effective based on the pilot study results, site COCs have a tendency to accumulate in the lower permeable soils. By applying a more aggressive treatment approach targeting the remediation of COCs in soils, the likelihood of future groundwater contamination via diffusion/dissolution is reduced. Permanganate can persist in the subsurface for several months after it is applied, increasing the likelihood that residual COC mass dissolving into groundwater is also treated to some extent. In addition, the potassium permanganate is applied in liquid form as opposed to the slurry form of EHC[®]. By injecting the liquid form, it is expected that a greater radius of influence will be achieved within the cohesive unit.

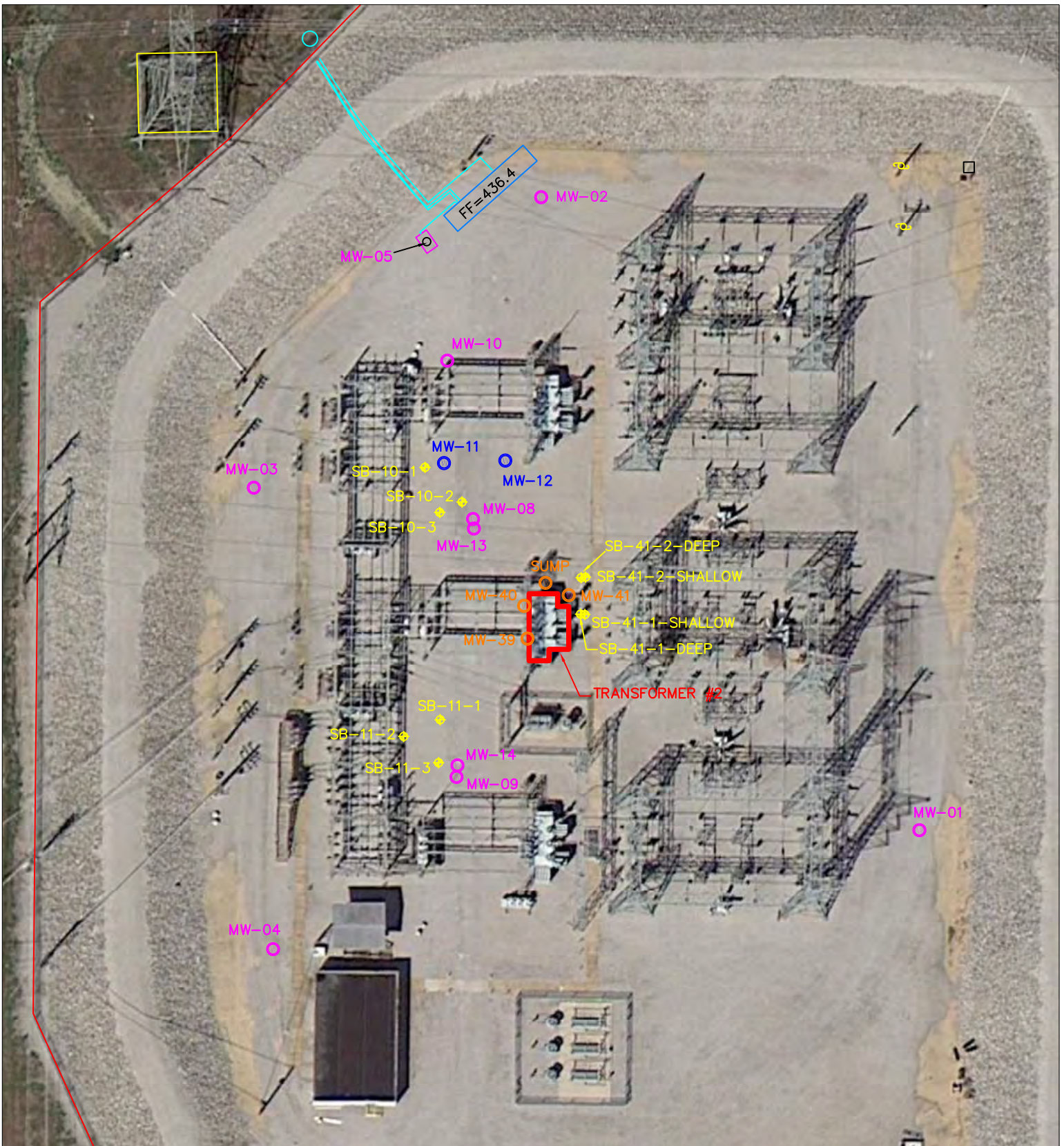
By aggressively addressing the cohesive soils and the diffusion interval with permanganate, no additional groundwater treatment is necessary or appropriate at this time. With a reduction in diffusion through the soil treatment and the continued plume containment/treatment with the

existing on-site groundwater containment system (GCS) (currently operational), the volume of water removal should address the groundwater concern within the anticipated GCS operational period. The groundwater monitoring program established for the substation area will be evaluated to ensure that this process is occurring and to determine whether additional groundwater treatment methods are necessary.

Applying permanganate on a full-scale level at the site will require the use and/or installation of additional injection locations (**Figure 3**) in order to achieve optimal oxidant distribution. The anticipated treatment area for a full scale application would target the main corridor between active transformers, depicted by a red rectangle in **Figure 3**. An estimated total of 22 injection locations are needed to properly distribute approximately 23,560 gallons of 25 gram per liter (g/L) permanganate solution (up to 40 g/L) over the course of a 3-4 week period. Due to the low permeability characteristics of the upper silt/clay layers, the full scale approach would target approximately 35% of a pore volume. It has been determined that this percentage of pore volume will address the contaminant mass present at the site.

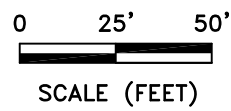
Performance monitoring of the pilot study (groundwater) will continue through September 2014 and be re-initiated following the full scale application. As data becomes available, plotting COC concentrations in soils as presented in **Appendix A** and groundwater in **Appendix B** in order to track COC trends throughout the treatment area will continue. Any residual contaminant mass identified during this monitoring can be treated with spot injections, as and if needed. Pending the review and approval process, full scale remediation activities to address on-site impacts are expected to begin in the fall of 2014 or spring of 2015.

Figures



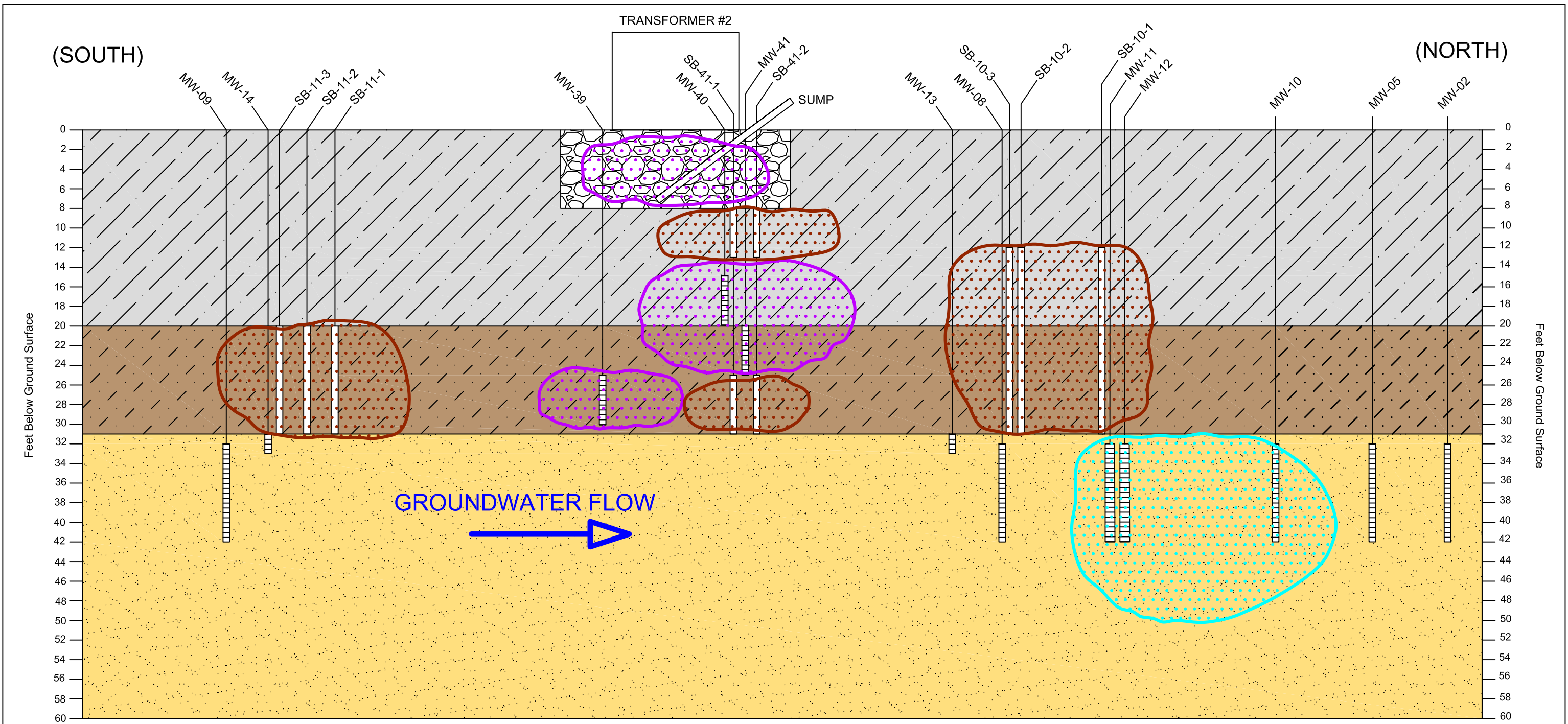
LEGEND:

- MW-04 MONITORING WELL
- ⊕ SB-11-1 EHC INJECTION LOCATION (IN YELLOW)
- MW-40 POTASSIUM PERMANGANATE (KMnO4) INJECTION LOCATION
- MW-12 BIO INJECTION LOCATION





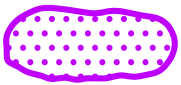
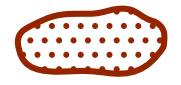
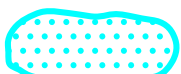


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DATE: AUGUST 2014
PROJECT No.: 12036
CLIENT: AMEREN
DRAWN BY: PC
CHECKED BY: DI
APPROVED BY:

TITLE: SITE LAYOUT HUSTER RD. SUBSTATION ST. CHARLES, MO	
DRAWING NO.	REV.
FIGURE 1	




LEGEND

-  Gravel Sump
-  Silty Clay/Undifferentiated Overburden
-  Silt, some clay, some sand
-  Sand
-  Permanganate Injection Solution
-  EHC Injection Slurry
-  ISB Injection Solution

NOTES:

Figure is not to scale relative to actual well spacing.
 Screen intervals are approximate.
 MW-05 is part of the on-site groundwater containment system (extraction well)

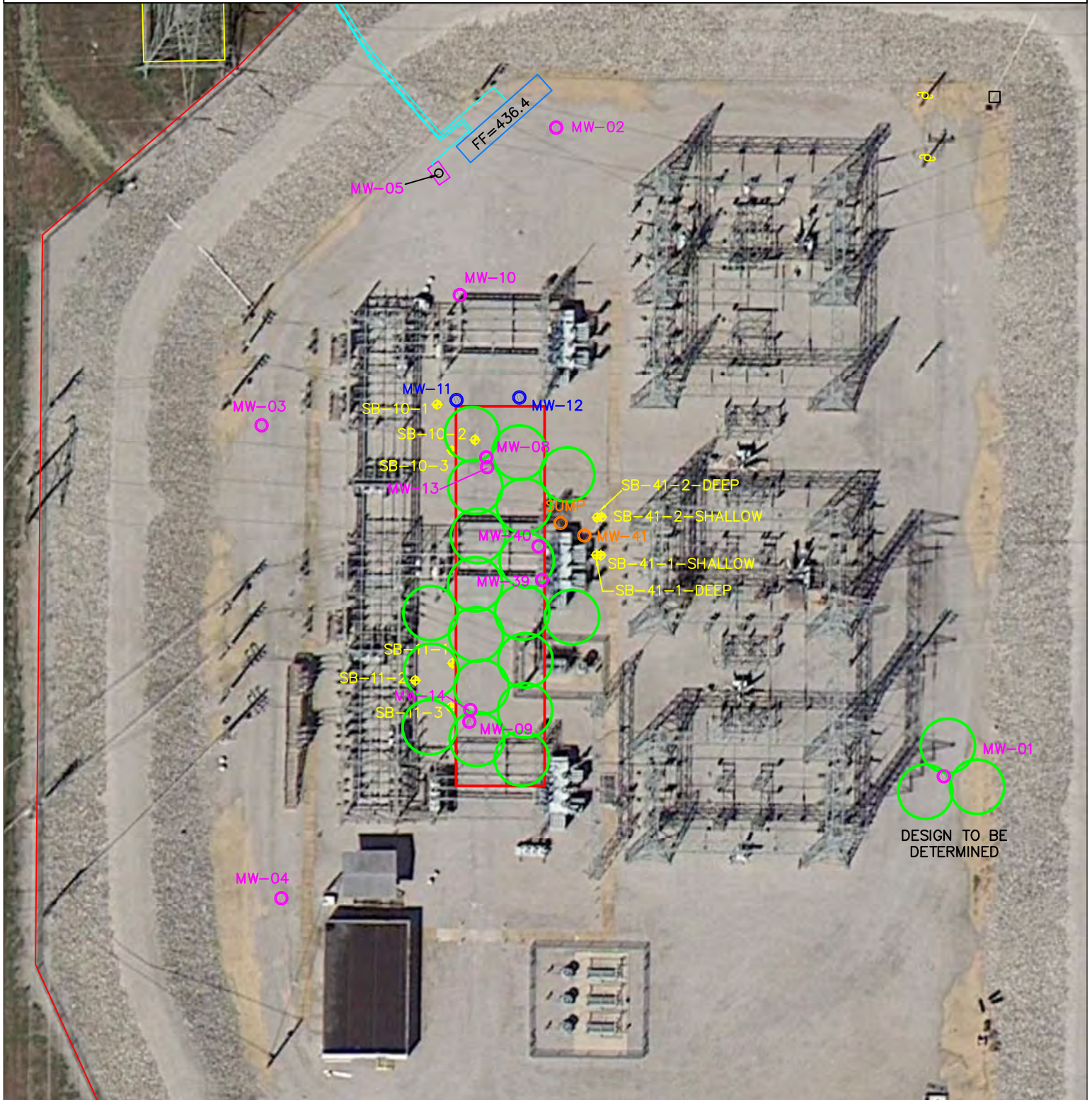
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DATE: SEPTEMBER 2014
PROJECT No.: 12036
CLIENT: AMEREN
DRAWN BY: PC
CHECKED BY: DI
PROJ. MGMT. APPROVAL: DI



STRATEGIC. ENVIRONMENTAL. SOLUTIONS.

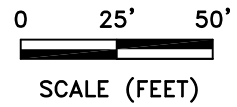
TITLE: PILOT TEST CROSS-SECTION HUSTER ROAD SUBSTATION ST. CHARLES, MO	
DRAWING NO.: FIGURE 2	REV: 1

DRAFT – FOR DISCUSSION PURPOSES ONLY



LEGEND:

- MW-04 MONITORING WELL
- ⊕ SB-11-1 EHC INJECTION LOCATION (IN YELLOW)
- MW-40 POTASSIUM PERMANGANATE (KMnO4) INJECTION LOCATION
- MW-12 BIO INJECTION LOCATION
- PROPOSED INJECTION LOCATION (ASSUMED 10-FT ROI)
(ROI = RADIUS OF INFLUENCE)
- TARGET AREA (FULL SCALE)



SCALE: 1" = 50'
DATE: SEPTEMBER 2014
PROJECT No.: 12036
CLIENT: AMEREN
DRAWN BY: PC
CHECKED BY: DI
APPROVED BY:

TITLE: PROPOSED INJECTION LOCATIONS FULL-SCALE EVENT HUSTER RD. SUBSTATION ST. CHARLES, MO	
DRAWING NO.	REV.
FIGURE 3	

Tables

TABLE 1
Groundwater Monitoring Results

Huster Road Substation
St. Charles, MO
XDD Project No. 12036

Monitoring Well ID	Date	PCE (5 ug/L)	TCE (5 ug/L)	cis-1,2-DCE (70 ug/L)	Vinyl Chloride (2 ug/L)
MW-1	12/3/12	0.49 J	1.2 J	15	<0.43
	4/1/14	<5	4.2 J	188	9.7 J
	4/17/14	<5	3.4 J	175	
MW-2	12/3/12	0.43 J	<0.29	460	19
	4/1/14	<0.5	<1	32	1.3 J
	4/17/14	<5	<5	1.4 J	<2
MW-3	12/3/12	0.56 J	<0.29	140	6.4
	4/1/14	<5	<10	221	5.1 J
MW-4	12/3/12	0.45 J	<0.29	0.35 J	<0.43
	4/1/14	<0.5	<1	<2	<2
MW-5	12/1/12	<0.28	<0.29	380	21
	4/25/14	<5	<5	160	12.8
	5/20/14	<5	<5	136	12.5
	6/27/14	<50	<50	191	13
	7/24/14	<50	<50	234	19
	8/27/14	<50	<50	221	20.9
MW-6	12/7/12	<0.28	<0.29	590	21
MW-7	12/7/12	<0.28	<0.29	83	5.9
OW-7S	4/1/14	<5	<10	286	23.4
OW-7D	12/8/12	<0.28	<0.29	8.8	<0.43
	4/1/14	<0.5	<1	<2	<2
MW-8	3/13/14	1,040	1,270	8,210	390
	4/25/14	2,010	2,480	17,600	971
	5/20/14	970 J	1,040 J	24,300	1,210
	6/27/14	<2,500	<2,500	23,400	1,180
	7/24/14	<2,500	620 J	17,000	1,020
	8/27/14	430	580 J	12,600	640
MW-9	3/13/14	<5	<5	9.9	0.8
	4/26/14	<5	<5	243	15
	5/20/14	<50	<50	222	15
	6/27/14	<5	<5	110	8.2
	7/24/14	<5	<5	27.6	2.1
	8/27/14	<5	<5	21.1	1.5
MW-10	3/13/14	46.1	47.1	170	11.3
	4/25/14	2 J	1.6 J	49	4.8
	5/20/14	<5	<5	189	17.2
	6/27/14	<250	<250	2,620	172
	7/24/14	<50	<50	1,540	99.8
	8/27/14	<50	<50	1,600	78.1
MW-11	4/25/14	<5	<5	50.3	4.4
	5/20/14	<50	<50	551	54.1
	6/27/14	<5	<5	126	11.6
	7/24/14	<5	<5	237	23.6
	8/27/14	<5	<5	143	16.4
MW-12	3/20/14	<5	<10	319	21.8
	4/25/14	<5	<5	28.8	2.0
	5/20/14	<5	<5	26.1	8.2
	6/27/14	<5	<5	56.8	13.6
	7/24/14	<5	<5	141	20.2
MW-13	8/27/14	<50	<50	503	51.4
	3/14/14	1,720	280 J	11,100	385
	5/20/14	<1,000	<1,000	31,900	1,120
	6/27/14	<2,500	<2,500	31,400	1,460
	7/24/14	<2,500	<2,500	33,400	2,110
MW-14	8/27/14	<2,500	<2,500	27,300	1,520
	3/14/14	<100	<100	2,780	198
	5/20/14	<500	<500	5,860	636
	6/27/14	<500	<500	6,050	516
	7/24/14	<500	<500	5,000	518
MW-39	8/27/14	<500	<500	978	1,550
	6/29/12	<5	<5	3,160	119
MW-40	8/27/14	<250	<250	310	<100
	6/29/12	<5	<5	3,160	119
MW-41	8/27/14	<500	<500	<500	<200
	6/29/12	<5	<5	3,160	119
SUMP	8/27/14	<500	<500	978	1,550
	3/20/14	<10	<20	<40	<40

Notes:

Sample results reported in micrograms per liter (µg/L)

TCE = Trichloroethene

1,1-DCE = 1,1-Dichloroethene

1,1,2-TCA = 1,1,2-Trichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

1,1-DCA = 1,1-Dichloroethane

J = Indicates an estimated value. Analyte detected at concentrations below reporting limits

E = Indicates an estimated value. Concentration exceeds quantitation range

na = data not available

Chemical detections are highlighted in yellow and indicated in bold font

Data in blue font indicates sample analyzed by XDD, LLC via EPA method 5021/

Only one baseline groundwater data point exists (sample GW-11 [26-30' bgs], collected 6/29/12) in close proximity to wells MW-39,40, and 41.

For comparison purposes, data from sample GW-11, collected 6/29/12 will serve as baseline groundwater data for wells MW-39,40, and 41.

TABLE 2
Soil Analytical Results

Huster Road Substation
St. Charles, MO
XDD Project No. 12036

Soil Boring	Date	Depth (ft.)	PCE (160 ug/Kg)	TCE (110 ug/Kg)	cis-1,2-DCE (1,090 ug/Kg)	Vinyl Chloride (24 ug/Kg)		
SB-10	12/1/12	4-8	-	-	-	-		
		9-10	-	-	17.6	7.3		
		14-15	-	3.8	J	1,080	46.4	
		17-18	1,020	860		2,910	169	
		20-24	-	-		-	-	
		29-30	18.9	7		15,800	10.8	
	33-34	80.4	7		1,090	50.2		
	7/23/14	12-16	<6.1	<6.1		158	7.7	
		16-20	<7.1	<7.1		1,150	63	
		20-24	<7.8	<7.8		1,360	57.8	
24-28		<5.6	<5.6		601	105.5		
28-32	<5.6	<5.6		614	104.3			
SB-10-2	7/7/14	12-16	<5.7	<5.7		11.6	3	
		16-20	<4.9	5.3		1,820	67.5	
		20-24	<5.7	<5.7		150	12.7	
		24-28	<6.5	<6.5		4,420	156	
	7/23/14	28-32	<130	<130		2,500	97.7	
SB-11	7/24/14	12-16	100 J	70	J	640	<57.4	
		16-20	<133	43	J	888	<53.2	
		20-24	1,620	995		1,480	<52.2	
		24-28	130 J	74	J	409	<57.5	
		28-32	<125	<125		5,400	99.9	
SB-11-1	7/23/14	12-16	262	131		1,400	200	
		16-20	18.9	15.7		780	80	
		20-24	22	60.9		1,600	224	
	7/24/14	24-28	<136	<136		4,910	66.6	
		28-32	<110	<110		510	<44	
SB-40	7/23/14	8-12	<6.5	<6.5		3.2 J	5.5	
		12-16	<5.9	<5.9		77.1	16.9	
		16-20	<5.6	<5.6		182	78.6	
		20-24	<6.1	<6.1		241	87.8	
		24-28	<194	<194		482	<77.5	
		28-32	<5	<5		1,490	147	
SB-41-2	12/1/12	4-8	35,000	6,780		10,700	450	
		8-12	-	-		-	-	
		14-15	195,000	5,440		4,330	110	
		15-16	147,000	14,400		11,400	280	
		22-23	47,500	8,280		10,600	525	
		31-32	670	J	-	8,680	455	
	28-32	-	-		-	-		
	7/23/14	4-8	<19.4	<19.4		<19.4	<7.8	
		8-10	<432	<432		<432	<173	
		12-16	<13.7	<13.7		<13.7	<5.5	
		16-20	2.4	J	2.8	J	47.2	6.2
		20-24	<134		<134		1,510	<53.6
24-28		<127		<127		13,100	<50.7	
28-32	611		100	J	4,640	<73.9		

Notes:

Sample results reported in micrograms per kilogram (µg/Kg)

TCE = Trichloroethene

1,1-DCE = 1,1-Dichloroethene

1,1,2-TCA = 1,1,2-Trichloroethane

1,1,1-TCA = 1,1,1-Trichloroethane

1,1-DCA = 1,1-Dichloroethane

J = Indicates an estimated value. Analyte detected at concentrations below reporting limits

E = Indicates an estimated value. Concentration exceeds quantitation range

na = data not available

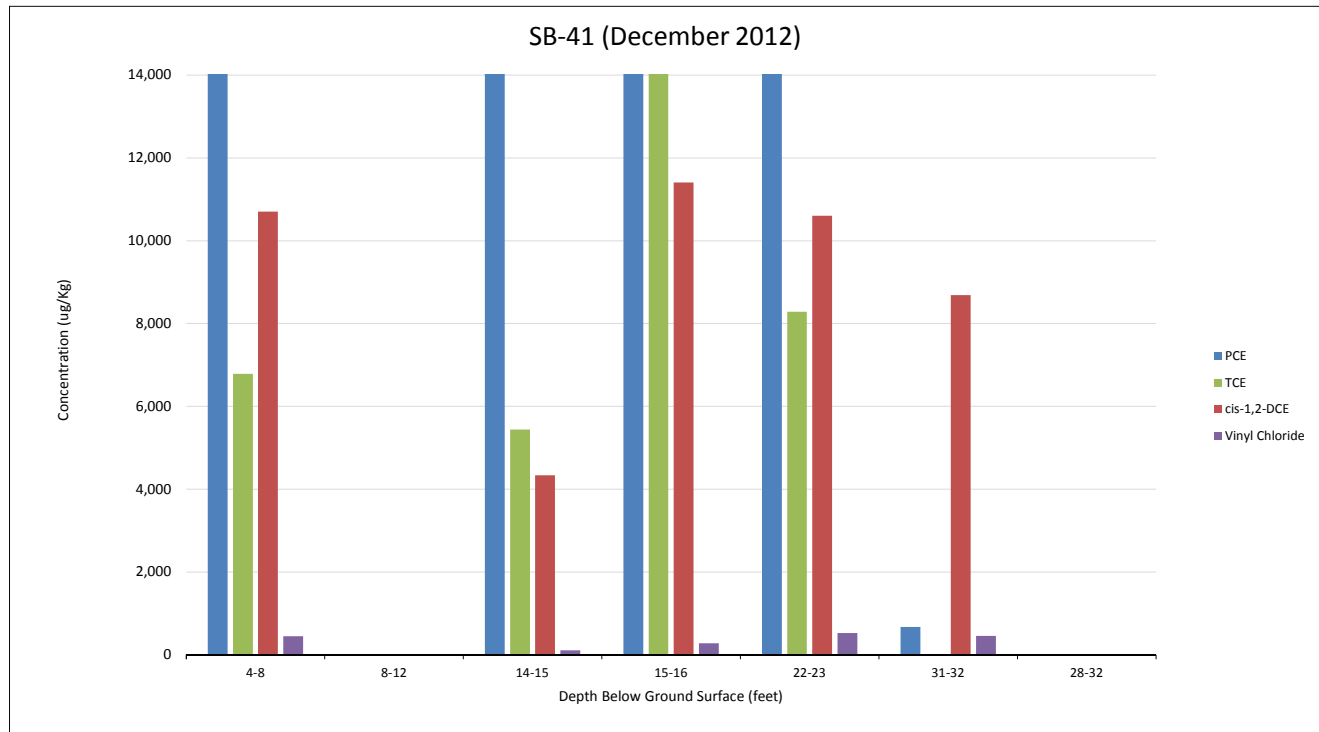
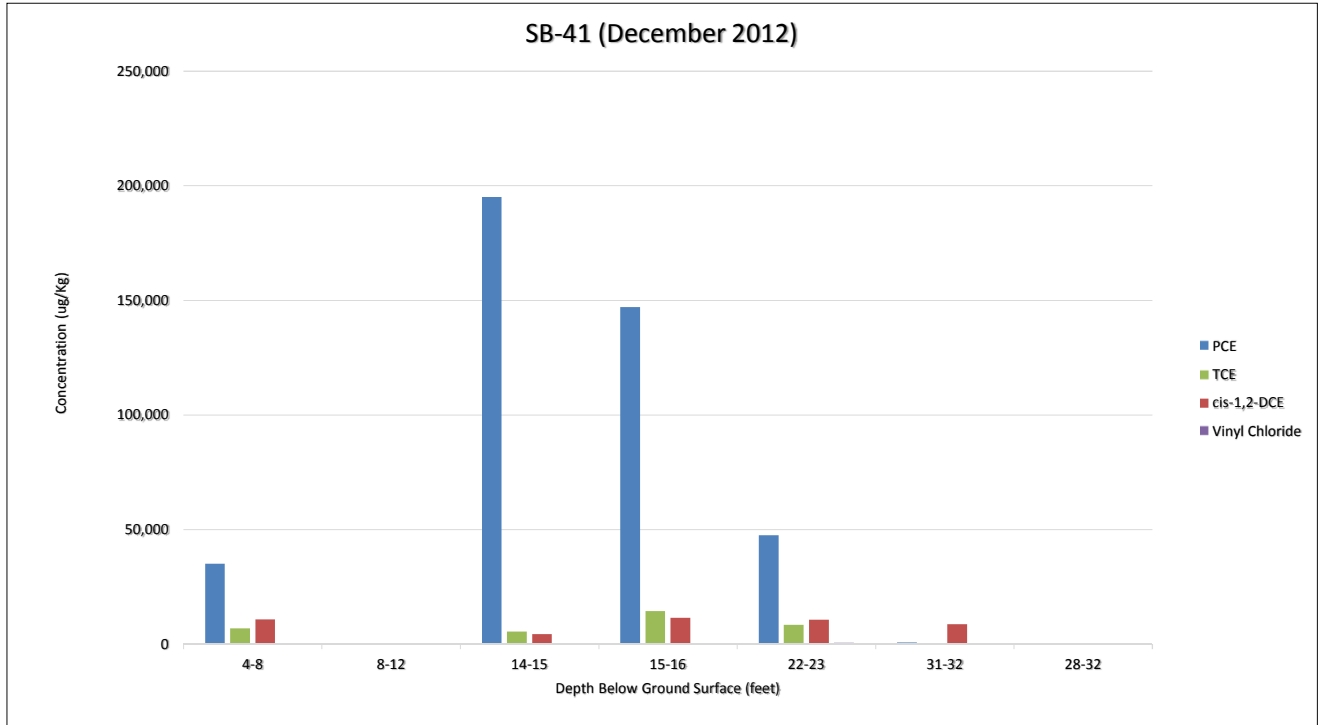
Chemical detections are indicated in bold font

Appendix A

Soil Data Plots

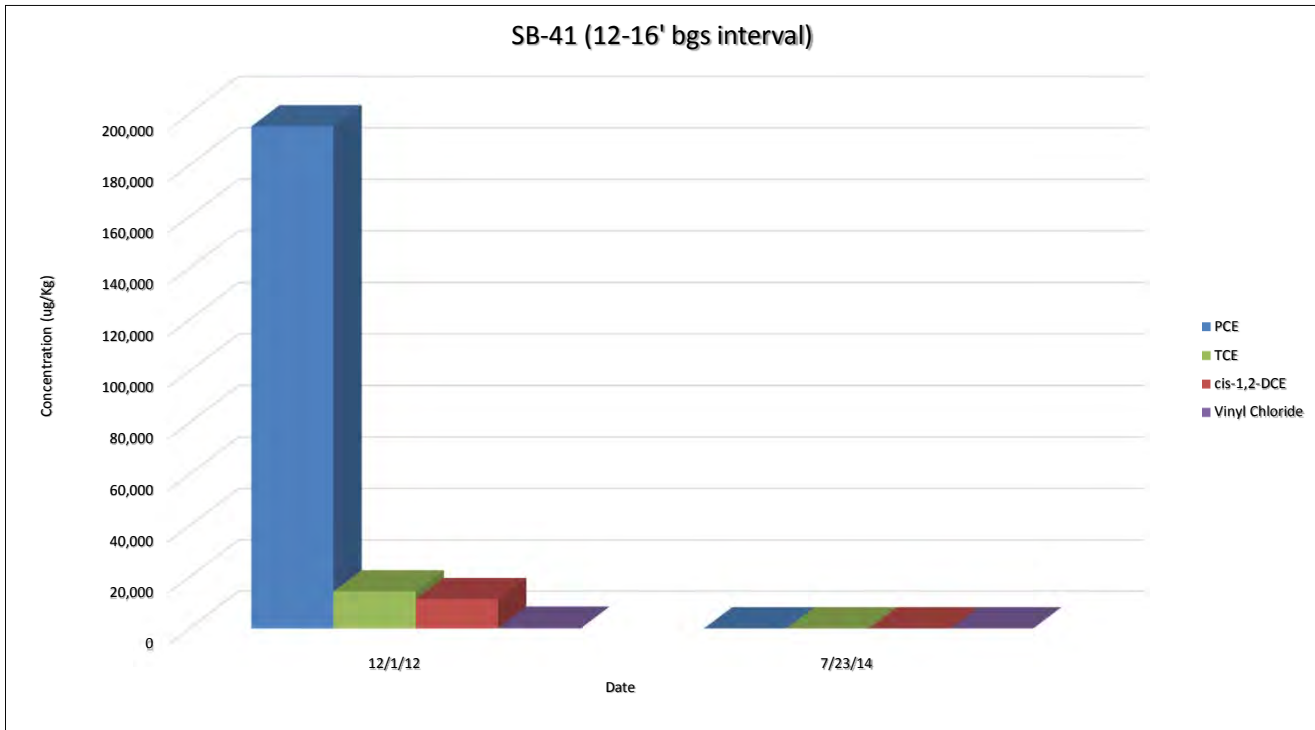
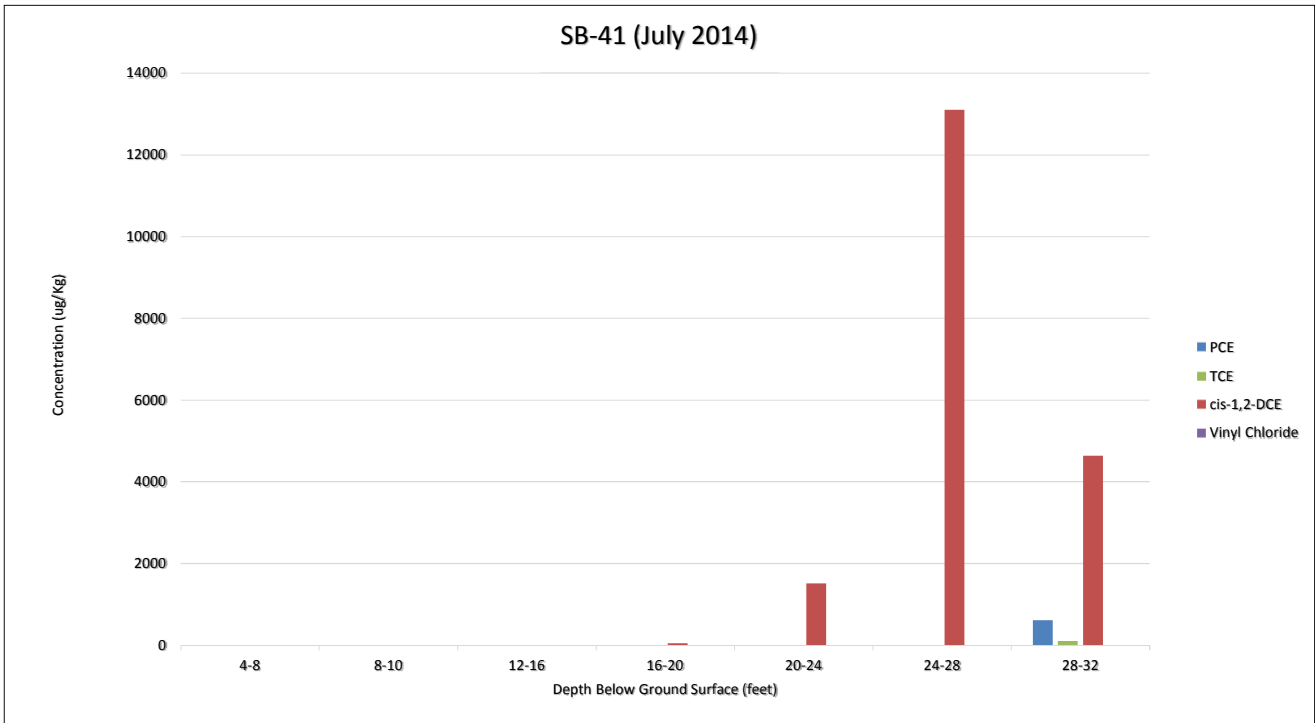
Appendix A
Soil Analytical Data Plots

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



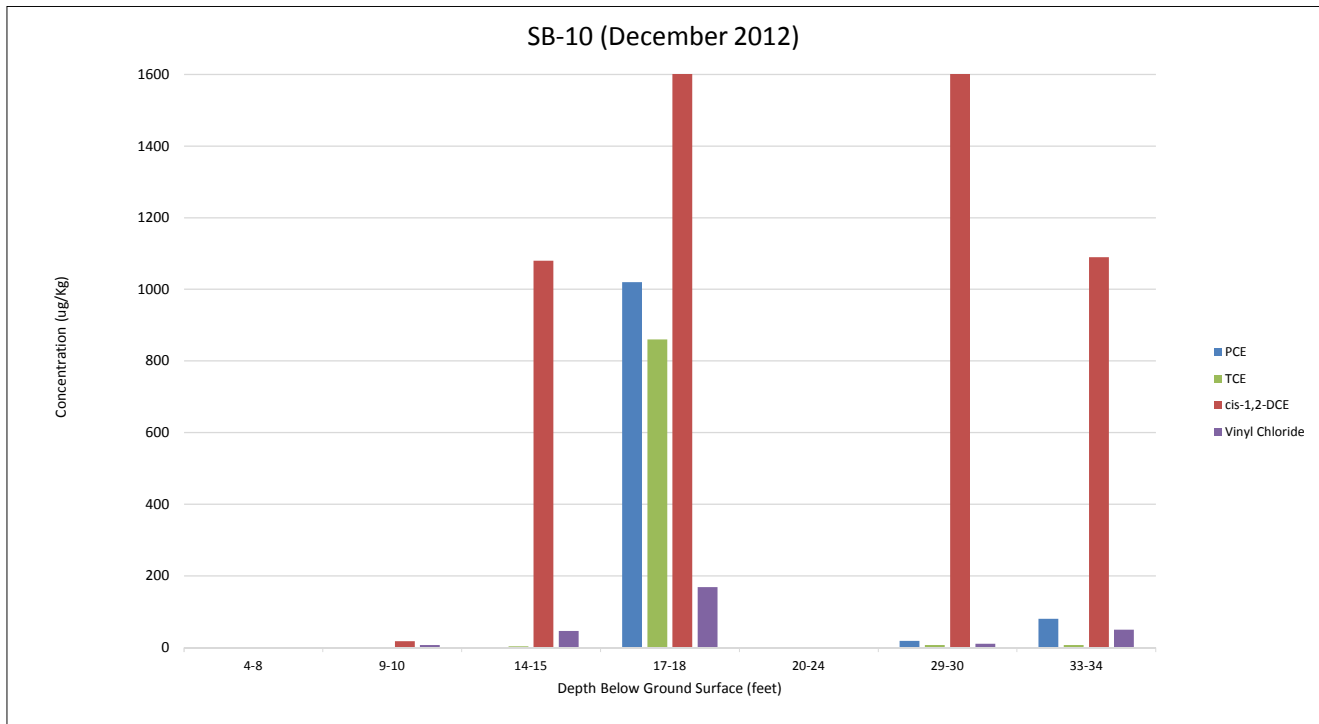
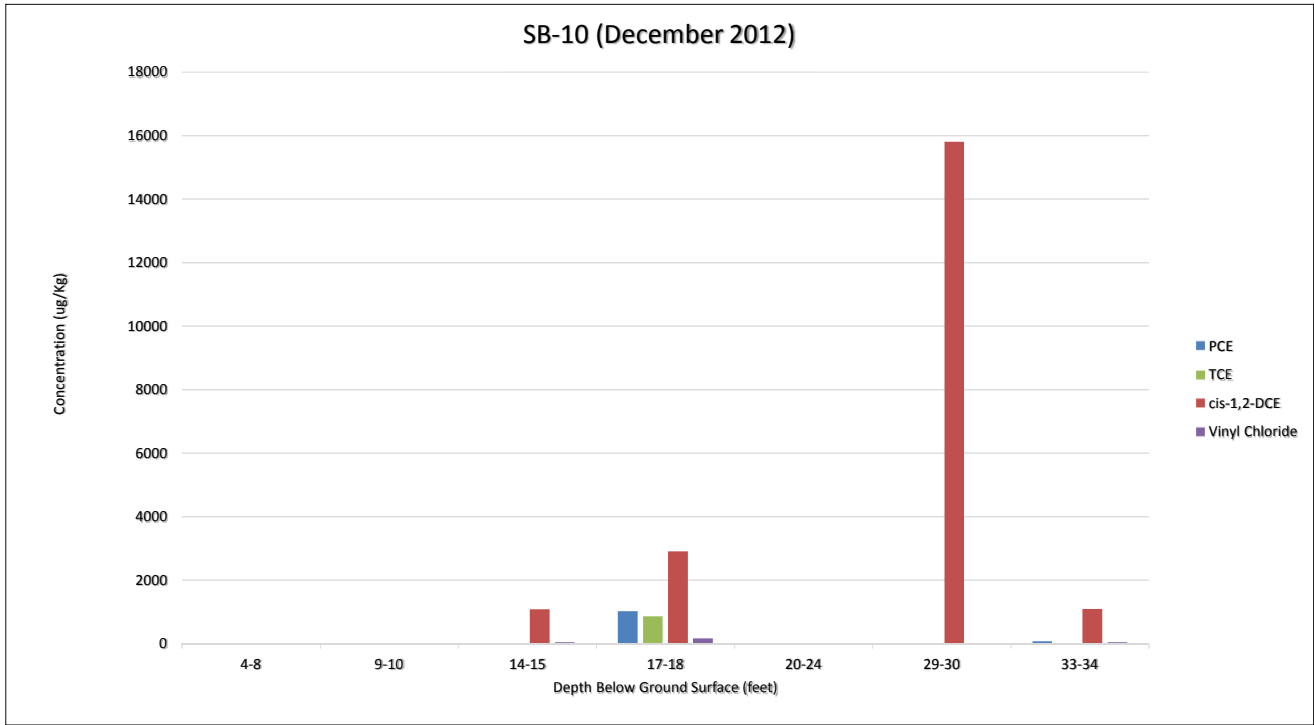
Appendix A
Soil Analytical Data Plots

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



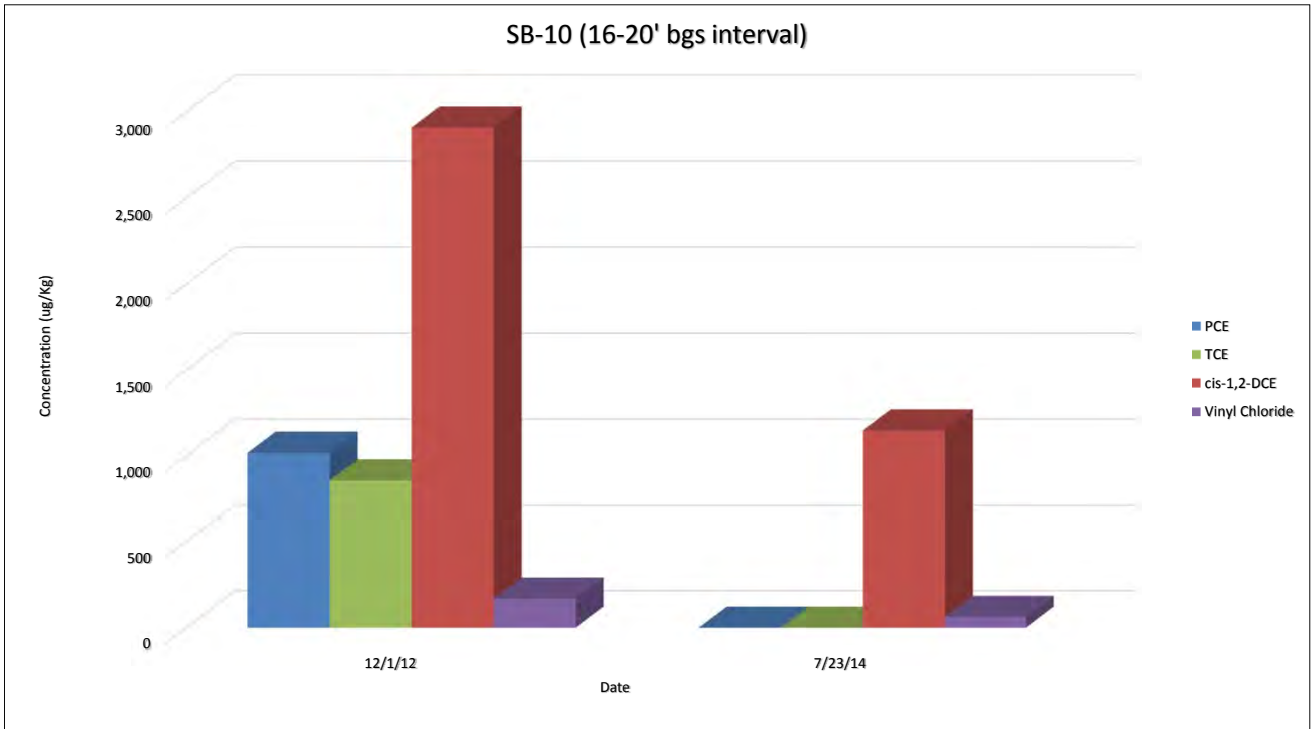
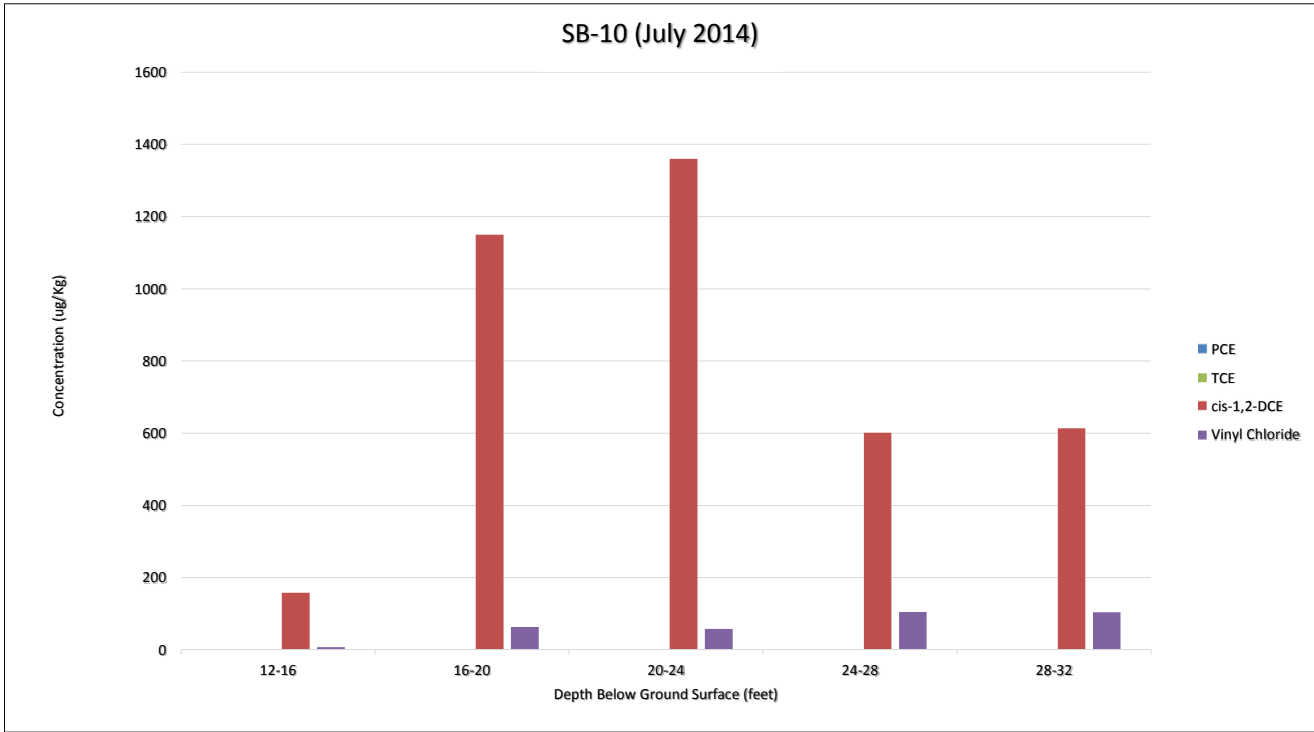
Appendix A
Soil Analytical Data Plots

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



Appendix A
Soil Analytical Data Plots

Huster Road Substation
St. Charles, MO
XDD Project No. 12036

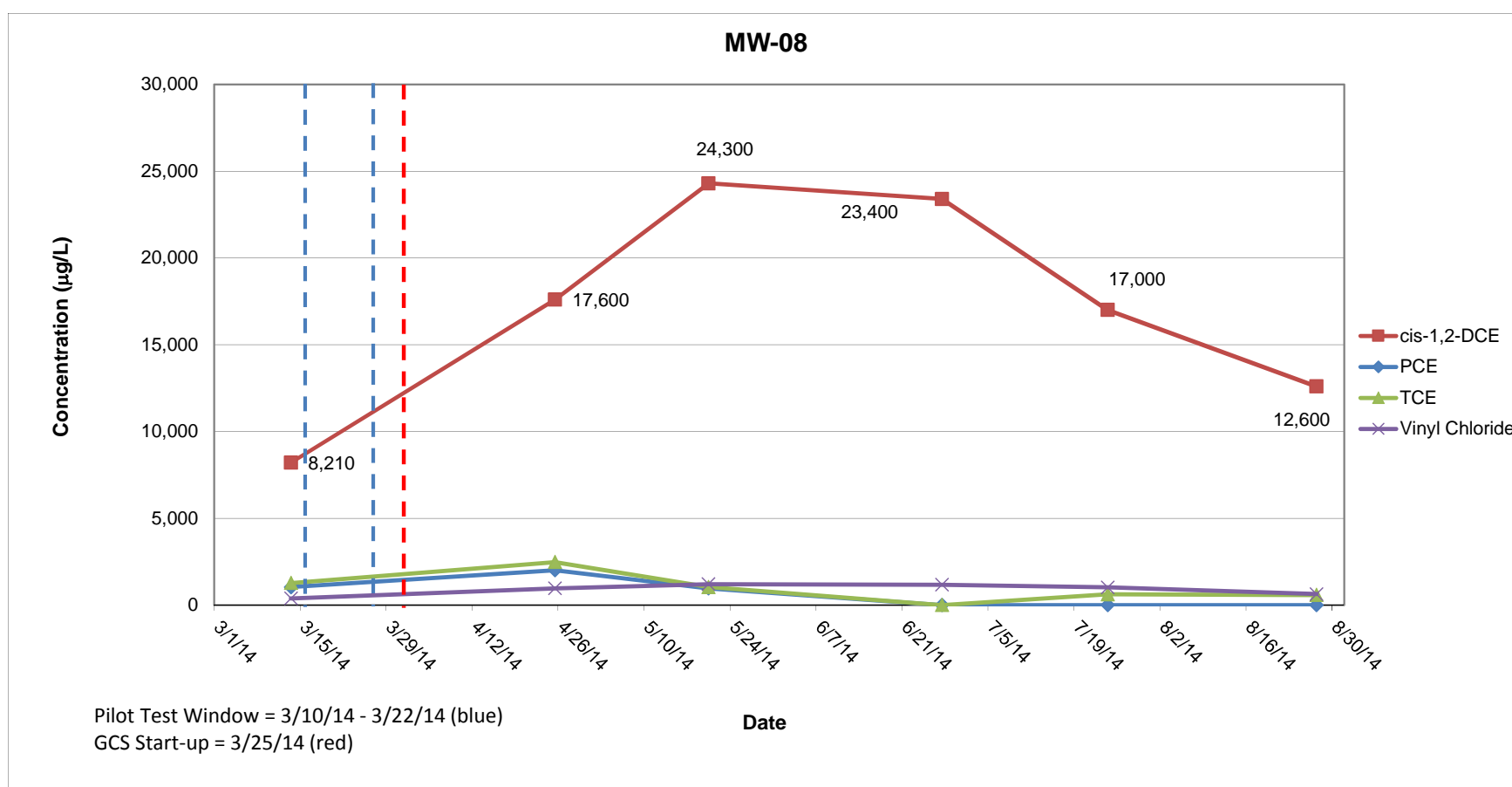
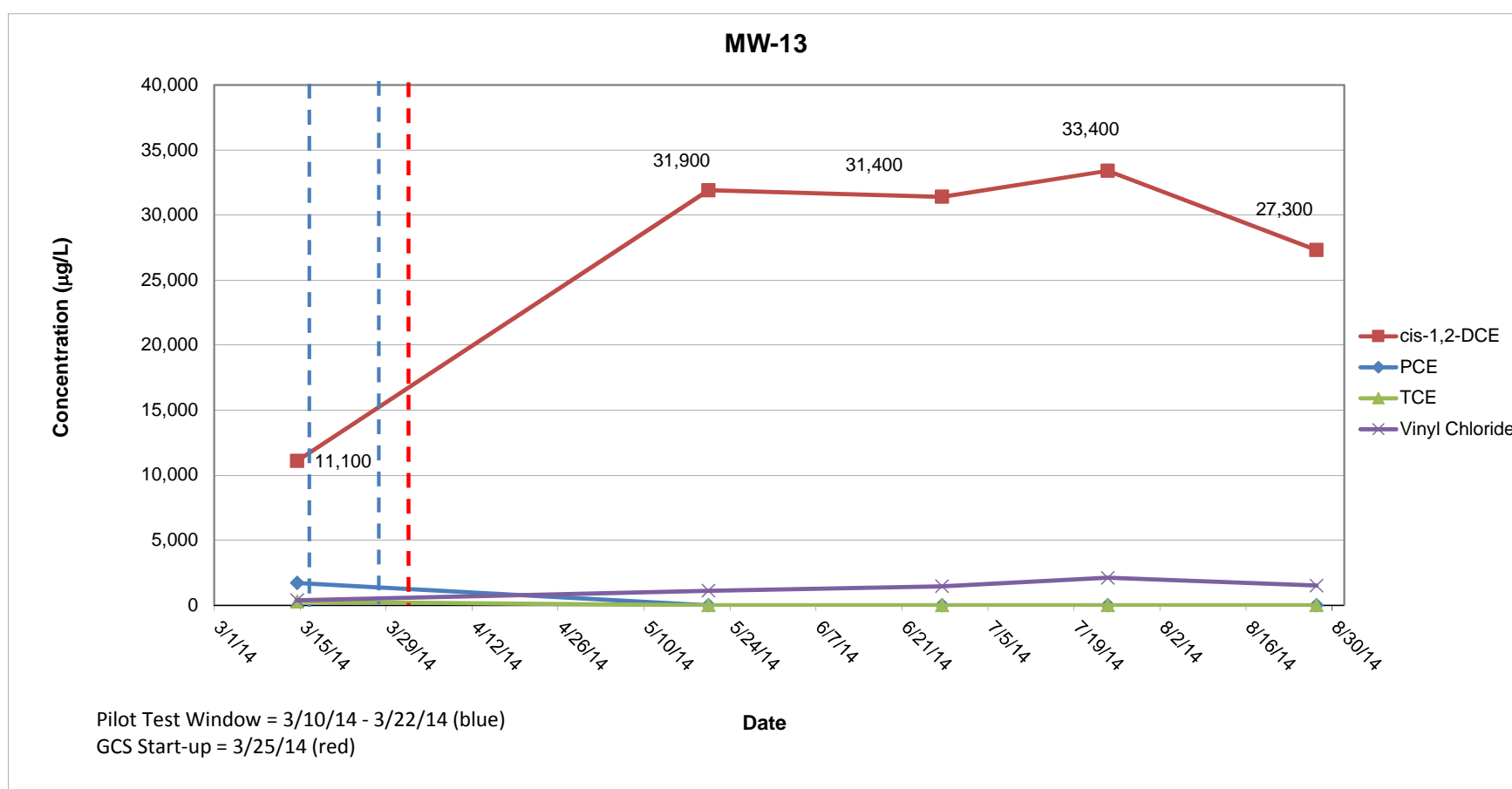
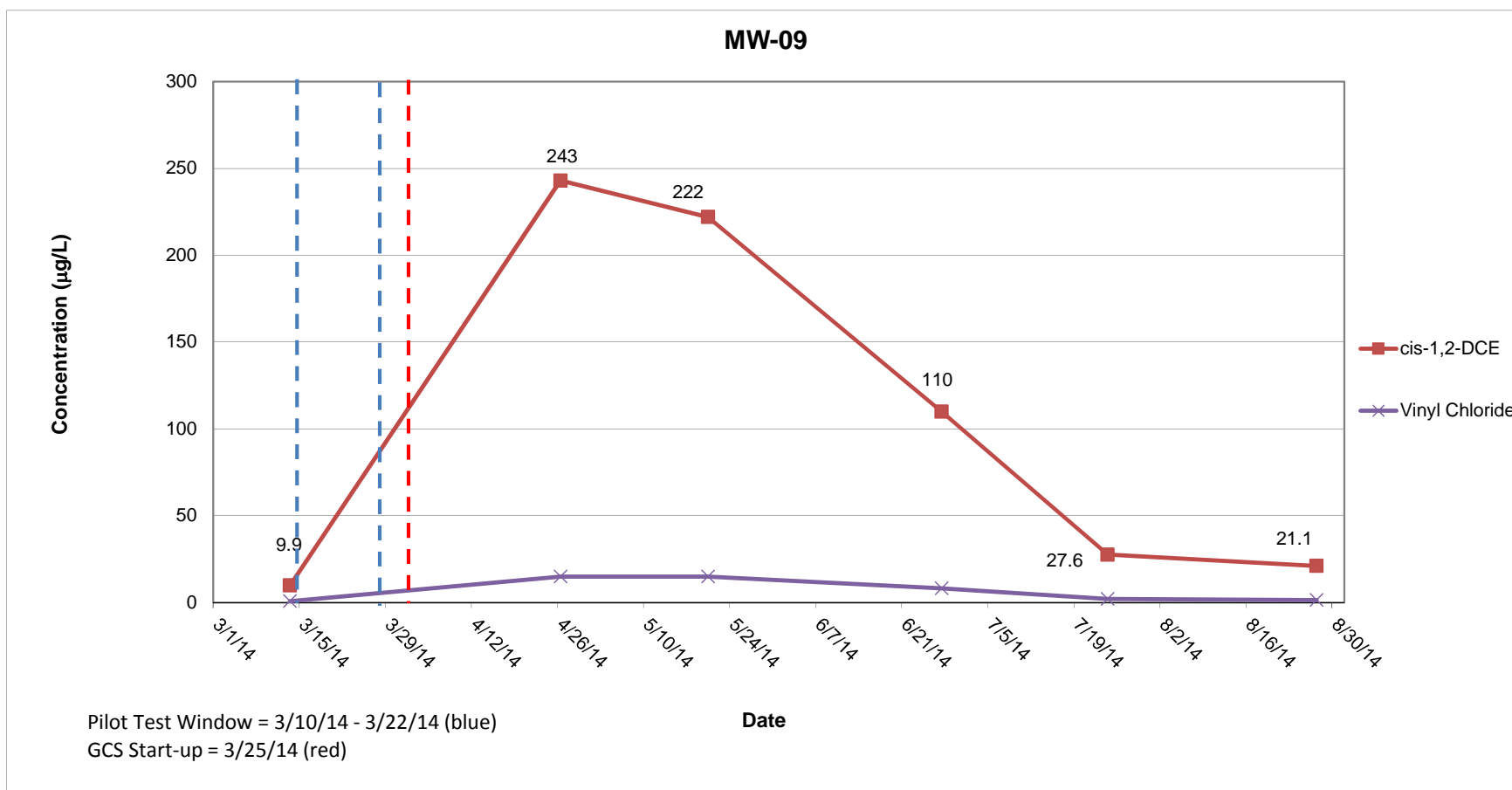


Appendix B

Groundwater Data Plots

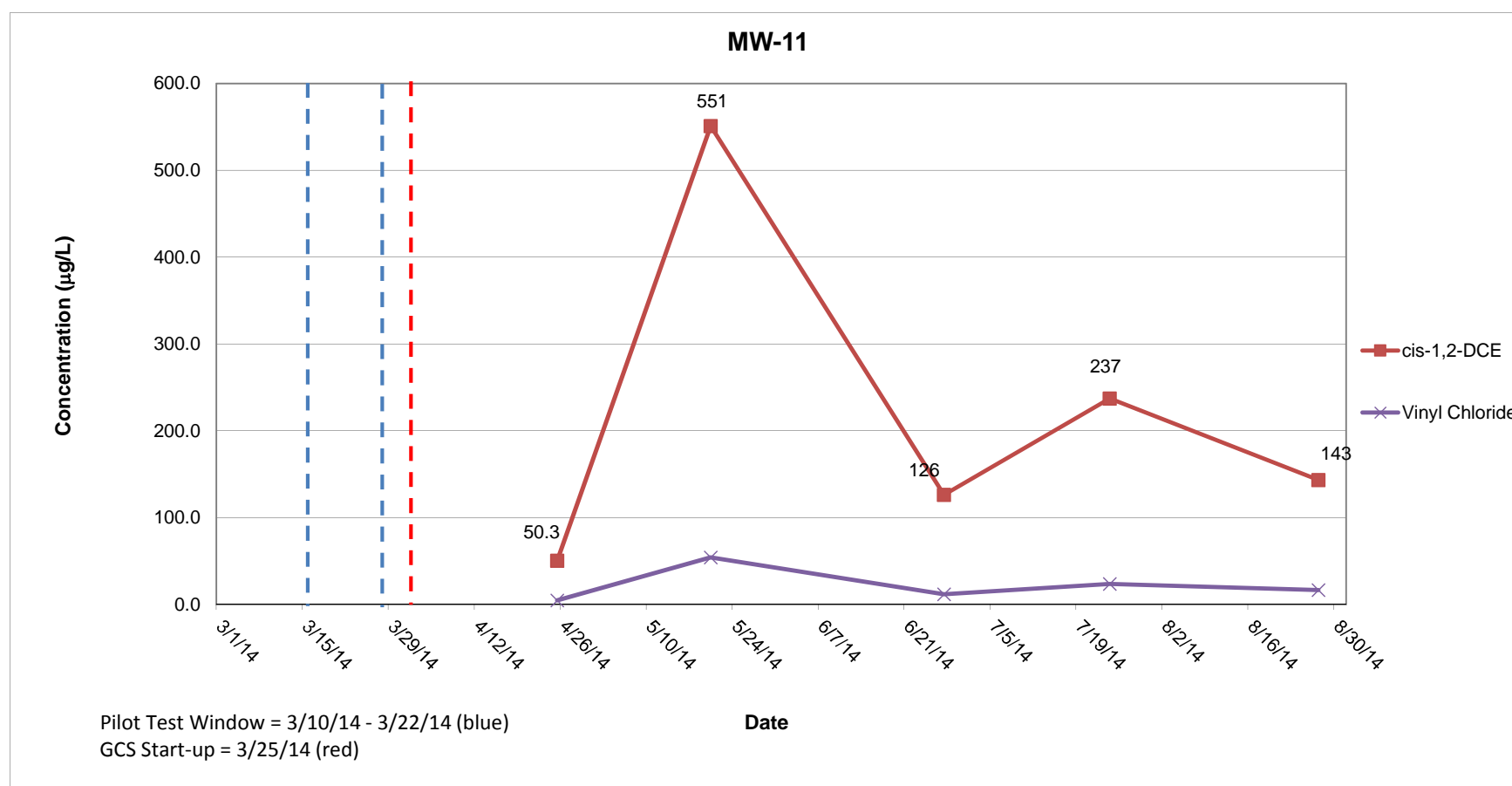
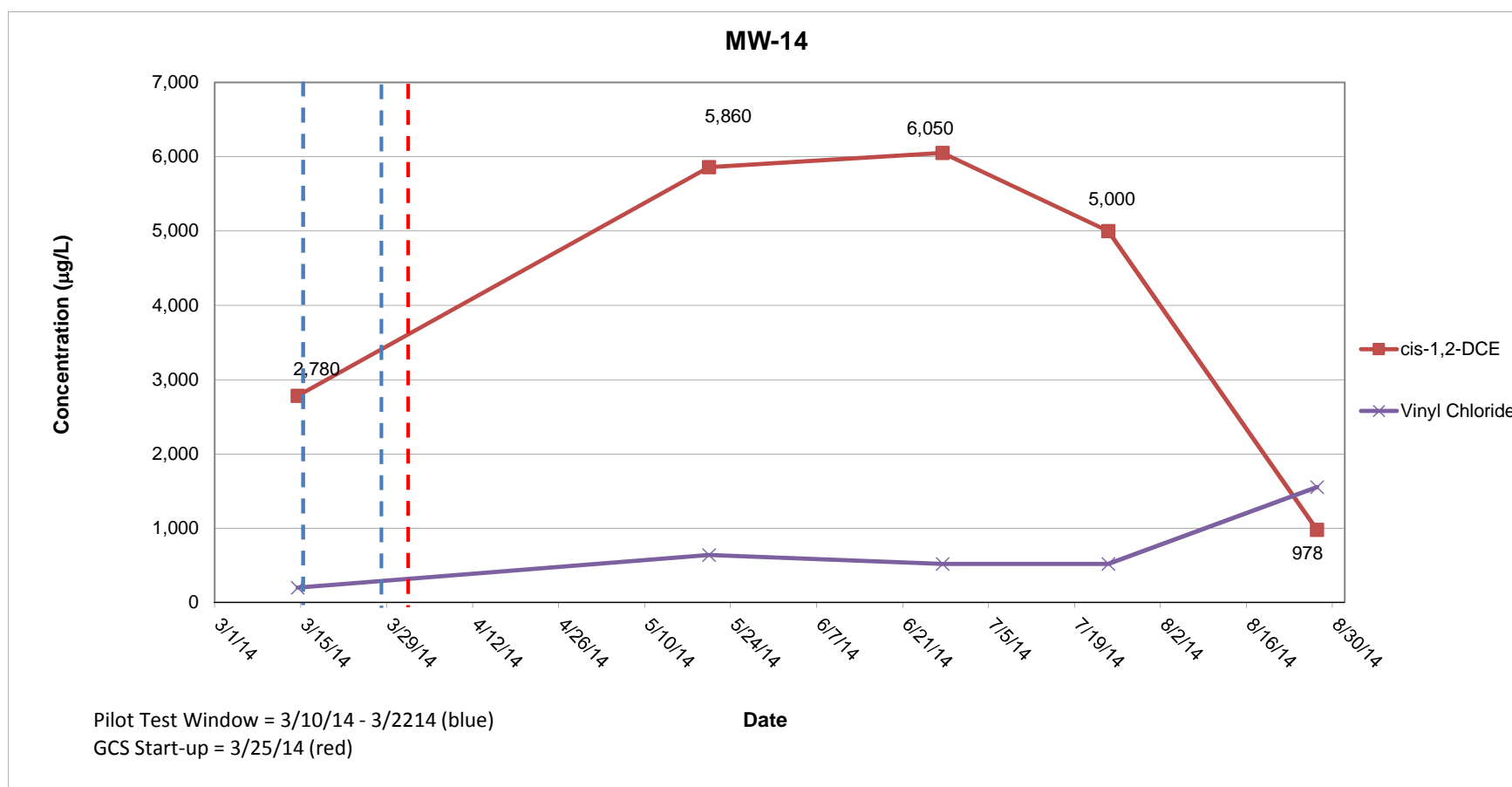
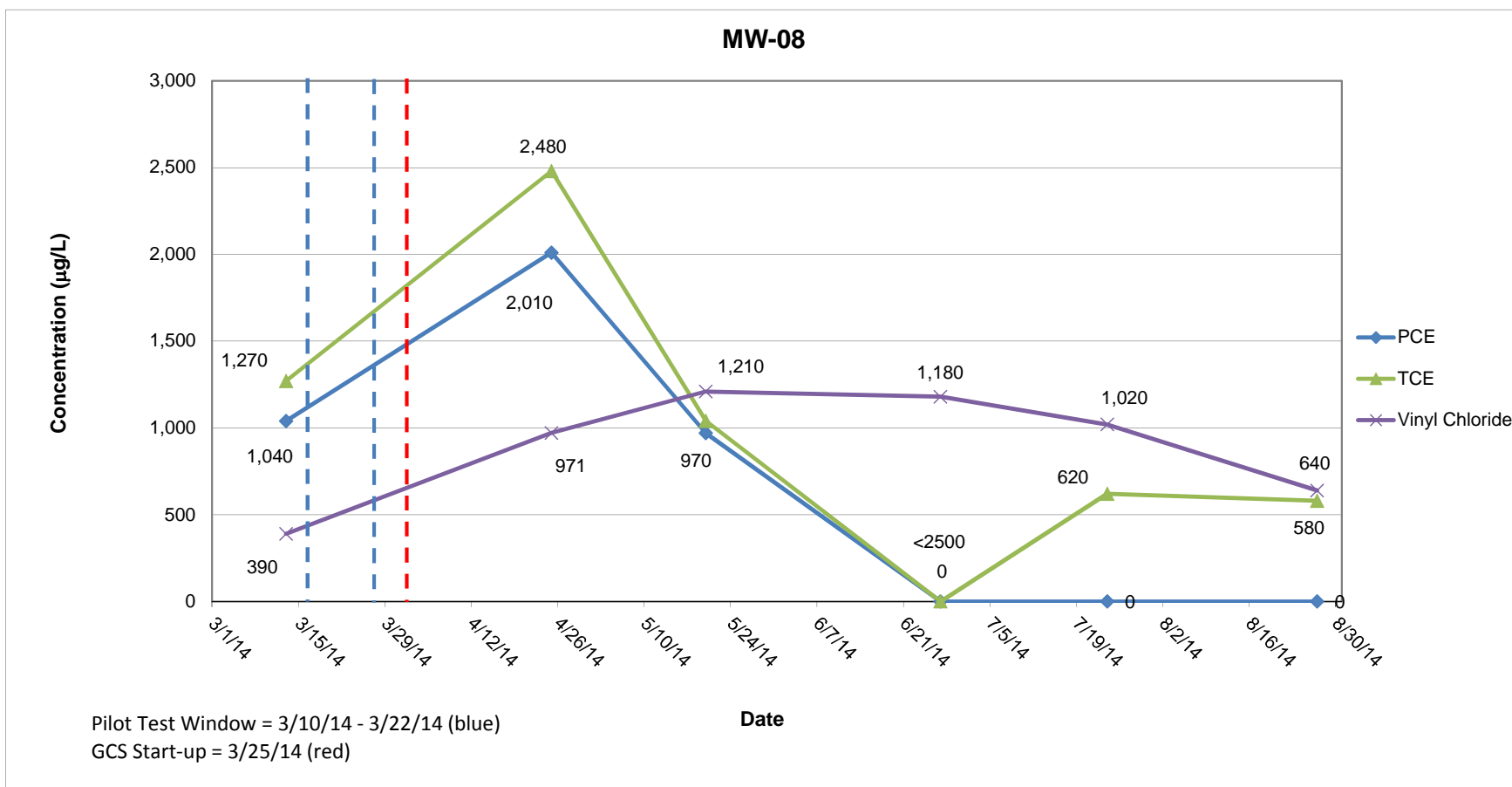
**Appendix B
Groundwater Data Plots**

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



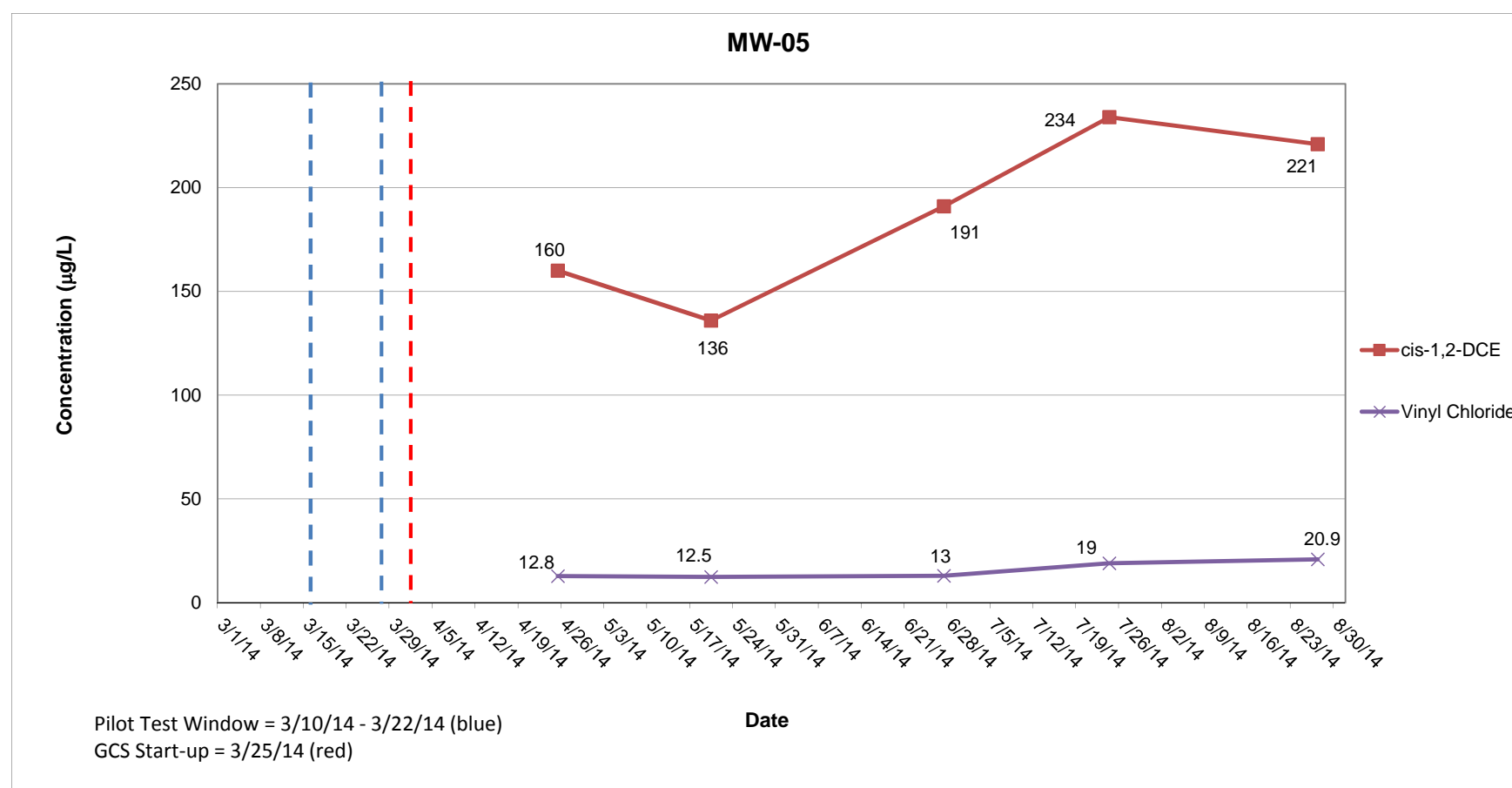
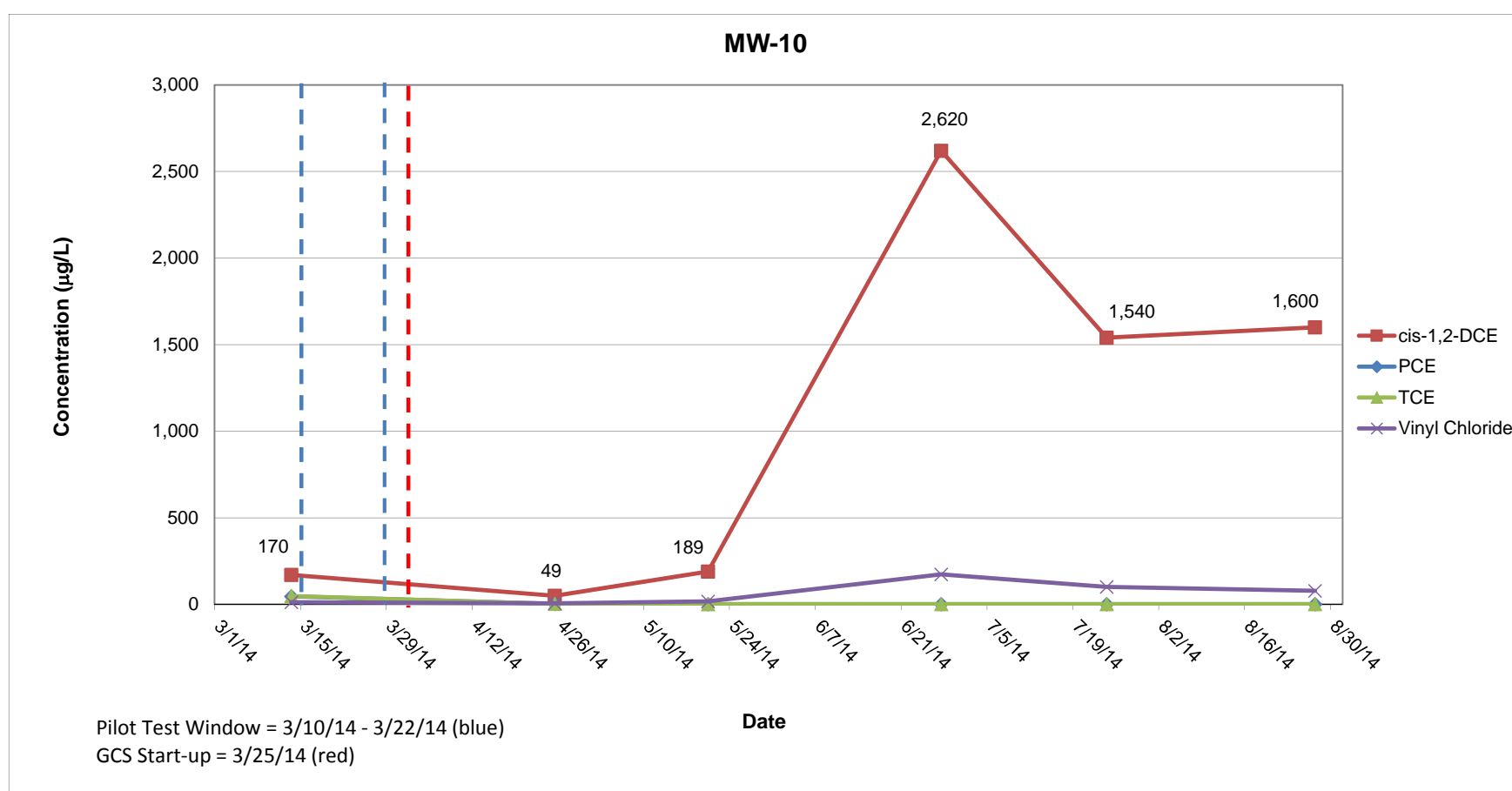
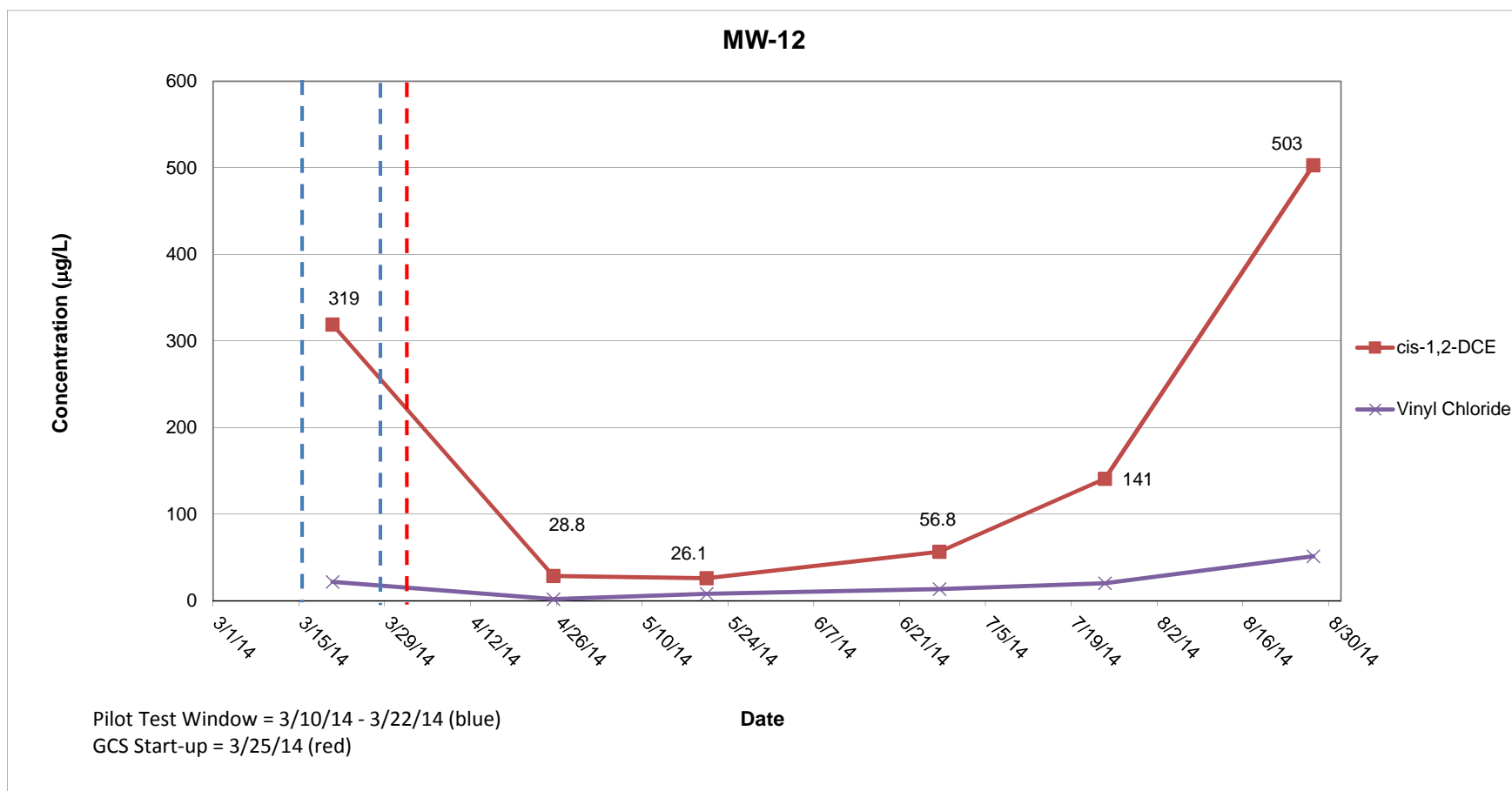
**Appendix B
Groundwater Data Plots**

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



**Appendix B
Groundwater Data Plots**

Huster Road Substation
St. Charles, MO
XDD Project No. 12036



DRAFT
EXPANDED PILOT TEST
INJECTION SUMMARY REPORT

Huster Substation
St. Charles, Missouri

Prepared By:

AMEREN SERVICES
1901 Chouteau Avenue
St. Louis, Missouri

May 2015

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1.0 INTRODUCTION

Ameren Services (Ameren) contracted XDD, LLC (XDD) to perform an expanded pilot test at the Huster Substation (site) from April 6 through April 17, 2015, which consisted of injection of sodium permanganate (concentration range of 30 g/L to 60 g/L) into various locations at different depths within the substation (see **Figure 1**). The active electrical substation is located at 3670 Huster Road within the city limits of St. Charles, Missouri adjacent to Fountain Lakes Park and Recreation Area. It is owned and operated by Ameren. The suspected cause of impact at the substation is historical use of the solvent Moxel. Historical research on Moxel indicates the primary component as 18.3% tetrachloroethene (PCE) This product was used to clean substation components, particularly near the transformers.

Concentrations of PCE and trichloroethane (TCE), a by-product of PCE, have been identified in the soil in the general vicinity of transformer #2 of the substation (**Figures 3-5**) with lower concentrations and other degradation products of the compounds at varying depths and distances away from the transformer. The presence of the degradation products indicates that natural attenuation is occurring and serves as a basis for the in-situ treatment approach used during the pilot test. In addition to the primary compounds of PCE and TCE, other contaminants of concern (COCs) are cis-1,2-Dichloroethene (cis -DCE) and vinyl chloride (VC).

The in-situ remedial approach used during the pilot test is a proven method of reducing the site COCs to the terminal degradation products of ethene and carbon dioxide (CO₂).

2.0 SITE CONDITIONS

The geology of the site consists of a granular surface constructed as the substation using limestone rock, copper grounding grid cable, and sand. Beneath the sand base, is a natural clay material 10-15 feet in thickness, overlying a silty clay material with increasing silt composition by depth. Underlying the cohesive units is a sand material to an approximate depth of 110 feet to bedrock contact. Beneath the substation transformers, a rock sump extends to a depth of 8-10 feet below ground surface (bgs). The impacted soil areas treated during the pilot test were primarily the highest levels of impacts around the substation within the cohesive unit to a maximum depth of 28 feet bgs.

3.0 PILOT TEST OBJECTIVE

The in-situ remedial technology used during pilot test activities was targeting the treatment of impacts within the substation identified with concentrations of the COCs exceeding United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSLs) for soil.

The objectives of the pilot test were to:

- determine if sodium permanganate would effectively reduce soil concentrations of the COCs to below USEPA RSLs (site specific levels) and non-residential land use;
- address the potential for diffusion of impact within the soil to groundwater;
- reduce the operation timeframe of the existing groundwater containment system (GCS);
- have minimal to no interference to the substation operations; and
- have no adverse impacts to the city's water supply.

4.0 EXPANDED PILOT TEST

The use of sodium permanganate used during the expanded pilot test activities has been proven to address the chlorinated compounds that are present at the site. Permanganate was applied in the lower permeable areas with elevated COC concentrations as an aggressive oxidation approach to quickly and significantly reduce the potential of release. By applying a more aggressive treatment approach targeting the degradation/elimination of COCs in soils, the likelihood of future groundwater contamination via diffusion/dissolution is reduced. Permanganate can persist in the subsurface for months after it is applied, increasing the likelihood that residual COC mass dissolving into groundwater is also treated. In addition, the sodium permanganate is applied in liquid form, resulting in the likelihood that a greater radius of influence will be achieved within the cohesive unit and underlying diffusion zone.

The reaction end-products for this technology is innocuous; e.g. carbon dioxide, water, ethene, ethane. The pilot test is not expected to negatively affect the drinking water supply (approximately 1,500 feet from the site boundary), site equipment, or the groundwater containment system (GCS) installed at the site.

4.1 SODIUM PERMANGANATE APPLICATION

Sodium permanganate (permanganate) is a strong oxidant proven to oxidize and treat the chlorinated compounds (e.g., PCE, TCE, cis-DCE, VC) found at the site. Permanganate was applied in the areas with elevated COC concentrations near transformer #2 and other areas as an aggressive oxidation approach to quickly and significantly reduce the probable source of the release.

The pilot test area (**Figure 1**) covers approximately 2,250 square feet (ft²) and targets a vertical interval of 10 feet. A total of twenty-six injection locations, using temporary injection locations were installed via Geoprobe[®] direct-push drilling techniques, were used to distribute the permanganate at varying depths and locations below ground surface. The permanganate was delivered to the site in liquid form and diluted with potable water in a 1,000-gallon poly tank. Batch volumes ranged from 330-860 gallons and permanganate concentrations were 30-60 grams per liter (g/L).

Various techniques were used to inject the permanganate solution into the soil, due to equipment issues. The badger system that was originally planned which as to provide a greater radius of influence with few injection points did not prove viable as there were equipment issues. We switched to injection by Geoprobe[®], using a 5 foot rod with diffusion holes to deliver the permanganate into the soil. This worked well, until the soil started to swell due to the hydration of the soil and it started to plug the rod. We then resorted to probing to depth (optimal contaminate depth determined by the site investigation maps – figures 2-4) and flooding a five-foot interval with permanganate solution. There were issues with daylighting of the permanganate, as different areas of the substation became saturated with the injection solution and were unable to take the predetermined amounts of solution due to this effect. We had to remain flexible and deliver the solution as effectively as we could to the areas of higher concentrations of COCs. This also influenced the concentration of solution injected. As it became obvious that the soil could only accept a certain volume of liquid prior to daylighting, we doubled the concentration so that the same amount of projected permanganate was delivered with less liquid volumes.

Approximately 15,755 gallons of permanganate solution was injected during the expanded pilot test. The injection volumes at each individual location, as well as, the injection intervals are summarized below:

**Table 1: Ameren Missouri - Huster Road
 Substation
 Expanded Pilot Test Injections
 Sodium Permanganate (NaMnO₄)
 April 2015**

Injection Location	Gallons Injected	Injection Concentration (g/L)	Vertical Interval (ft. bgs)
IP-1	623	30	20-28
IP-2	125	30	26-28
IP-3	500	60	20-28
IP-4	275	60	26-28
IP-5	1,430	60	18-28
IP-6	918	60	26-28
IP-7	214	60	26-28
IP-8	755	60	19-24
IP-9	394	60	21-26
IP-10	24	60	20-25
IP-11	360	60	21-26
IP-12	480	60	23-28
IP-13	920	60	21-26
IP-14	1,902	60	18-23
IP-15	429	60	24-28

IP-16	461	60	20-24
IP-17	780	60	23-28
IP-18	463	60	22-27
IP-19	851	60	23-28
IP-20	321	60	21-26
IP-21	404	60	23-28
IP-22	1,064	60	21-26
IP-23	733	60	23-28
IP-24	614	60	18-23
IP-25	633	60	23-28
IP-26	82	60	18-23
Total	15,755		

5.0 CONCLUSIONS

Listed below are key points/observations from the expanded pilot test:

- Permanganate is the quickest reacting and most aggressive approach for reducing the concentrations of COC within the soils at the substation.
- Results should be showing up as reduced concentrations in the nearby groundwater monitoring wells within the next few months.
- Soil sampling to determine compliance with RSLs will occur once the results in the groundwater concentrations have stabilized. This would signal that the permanganate has been used to its optimal effectiveness.

Tables

Ameren Missouri - Huster Road Substation
Pilot Test #2 Injections

Sodium Permanganate (NaMnO4)

April 2015

Injection Location	Gallons Injected	Injection Concentration (g/L)	Vertical Interval (ft. bgs)
IP-1	623	30	20-28
IP-2	125	30	26-28
IP-3	500	60	20-28
IP-4	275	60	26-28
IP-5	1430	60	18-28
IP-6	918	60	26-28
IP-7	214	60	26-28
IP-8	755	60	19-24
IP-9	394	60	21-26
IP-10	24	60	20-25
IP-11	360	60	21-26
IP-12	480	60	23-28
IP-13	920	60	21-26
IP-14	1902	60	18-23
IP-15	429	60	24-28
IP-16	461	60	20-24
IP-17	780	60	23-28
IP-18	463	60	22-27
IP-19	851	60	23-28
IP-20	321	60	21-26
IP-21	404	60	23-28
IP-22	1064	60	21-26
IP-23	733	60	23-28
IP-24	614	60	18-23
IP-25	633	60	23-28
IP-26	82	60	18-23
Total	15755		

Table 2:

AMEREN - Huster Road Substation
Expanded Pilot Test Injections - April 2015
Sodium Permanganate (NaMnO₄)
 XDD Project No. 12036.02

Date	Injection Location	Vertical Interval (ft. bgs)	Volume Injected (gallons)	Injection Concentration (g/L)	Average Injector Pressure (psi)
4/8/2015	IP-1	26' - 28'	164	30 g/L	25
		24' - 26'	164		5
		22' - 24'	164		0
		20' - 22'	131		0
Total Volume (gallons) NaMnO₄ injected on 4/8/14 =			623		
4/9/2015	IP-2	26' - 28'	125	30 g/L	-
	IP-3	26' - 28'	125	60 g/L	15
		24' - 26'	125		0
		22' - 24'	125		5
		20' - 22'	125		0
Total Volume (gallons) NaMnO₄ injected on 4/9/15 =			625		
4/10/2015	IP-4	26' - 28'	180	60 g/L	10
	IP-5	26' - 28'	320		10
		24' - 26'	320		5
		22' - 24'	320		10
		20' - 22'	320		5
		18' - 20'	150		5
	IP-6	26' - 28'	340		5
	IP-7	26' - 28'	175		75
IP-8	19' - 24'	755	25		
Total Volume (gallons) NaMnO₄ injected on 4/10/15 =			2880		
4/11/2015	IP-4	26' - 28'	95	60 g/L	10
	IP-6	26' - 28'	578		0
	IP-7	26' - 28'	39		30
	IP-9	21' - 26'	394		20
	IP-10	20' - 25'	24		-
	IP-11	21' - 26'	360		5
Total Volume (gallons) NaMnO₄ injected on 4/11/15 =			1490		

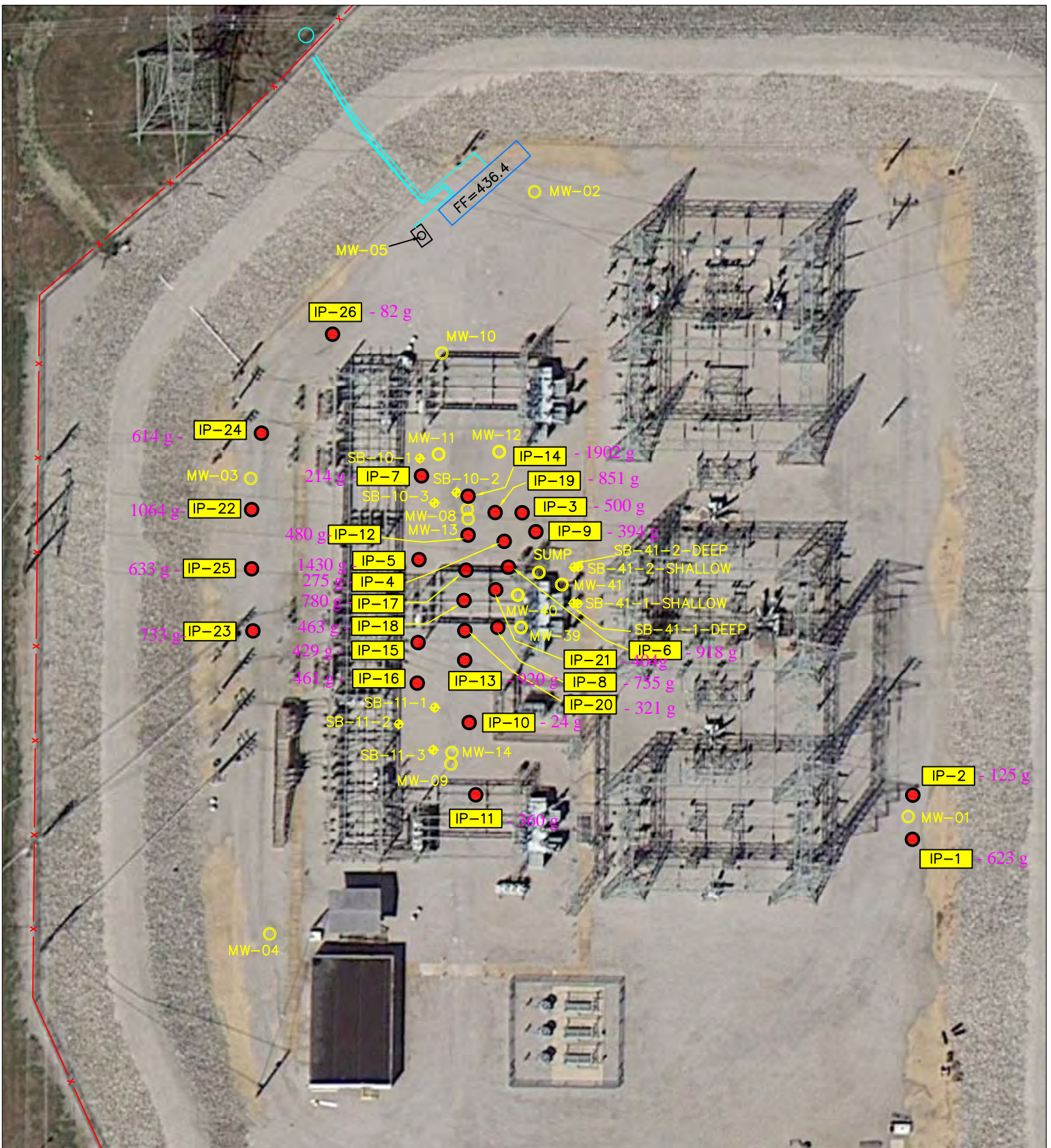
AMEREN - Huster Road Substation
Expanded Pilot Test Injections - April 2015
Sodium Permanganate (NaMnO₄)

XDD Project No. 12036.02

Date	Injection Location	Vertical Interval (ft. bgs)	Volume Injected (gallons)	Injection Concentration (g/L)	Average Injector Pressure (psi)
4/13/2015	IP-12	23' - 28'	450	60 g/L	0
	IP-13	21' - 26'	599		20/10
	IP-14	18' - 23'	891		10
Total Volume (gallons) NaMnO₄ injected on 4/13/15 =			1940		
4/14/2015	IP-12	23' - 28'	30	60 g/L	30
	IP-13	21' - 26'	321		15
	IP-14	18' - 23'	1011		25/0
	IP-15	24' - 28'	429		10
	IP-16	20' - 24'	461		15
	IP-17	23' - 28'	712		25
Total Volume (gallons) NaMnO₄ injected on 4/14/15 =			2964		
4/15/2015	IP-17	23' - 28'	68	60 g/L	25
	IP-18	22' - 27'	463		25
	IP-19	23' - 28'	851		0
	IP-20	21' - 26'	321		15
	IP-21	23' - 28'	206		15
	IP-22	21' - 26'	156		0
Total Volume (gallons) NaMnO₄ injected on 4/15/15 =			2065		
4/16/2015	IP-21	23' - 28'	198	60 g/L	0
	IP-22	21' - 26'	908		0
	IP-23	23' - 28'	733		10
	IP-24	18' - 23'	614		10
	IP-25	23' - 28'	513		0
Total Volume (gallons) NaMnO₄ injected on 4/16/15 =			2966		
4/17/2015	IP-25	23' - 28'	120	60 g/L	10
	IP-26	18' - 23'	82		25
Total Volume (gallons) NaMnO₄ injected on 4/16/15 =			202		

Total = 15,755 gallons

Figures



LEGEND:

- MW-04 MONITORING WELL
- ⊕ SB-11-1 PHASE 1 EHC INJECTION LOCATION
- MW-40 PHASE 1 POTASSIUM PERMANGANATE (KMnO4) INJECTION LOCATION
- MW-12 PHASE 1 BIO INJECTION LOCATION
- IP-12 PHASE 1 POTASSIUM PERMANGANATE (KMnO4) INJECTION LOCATION

0 25' 50'

SCALE (FEET)

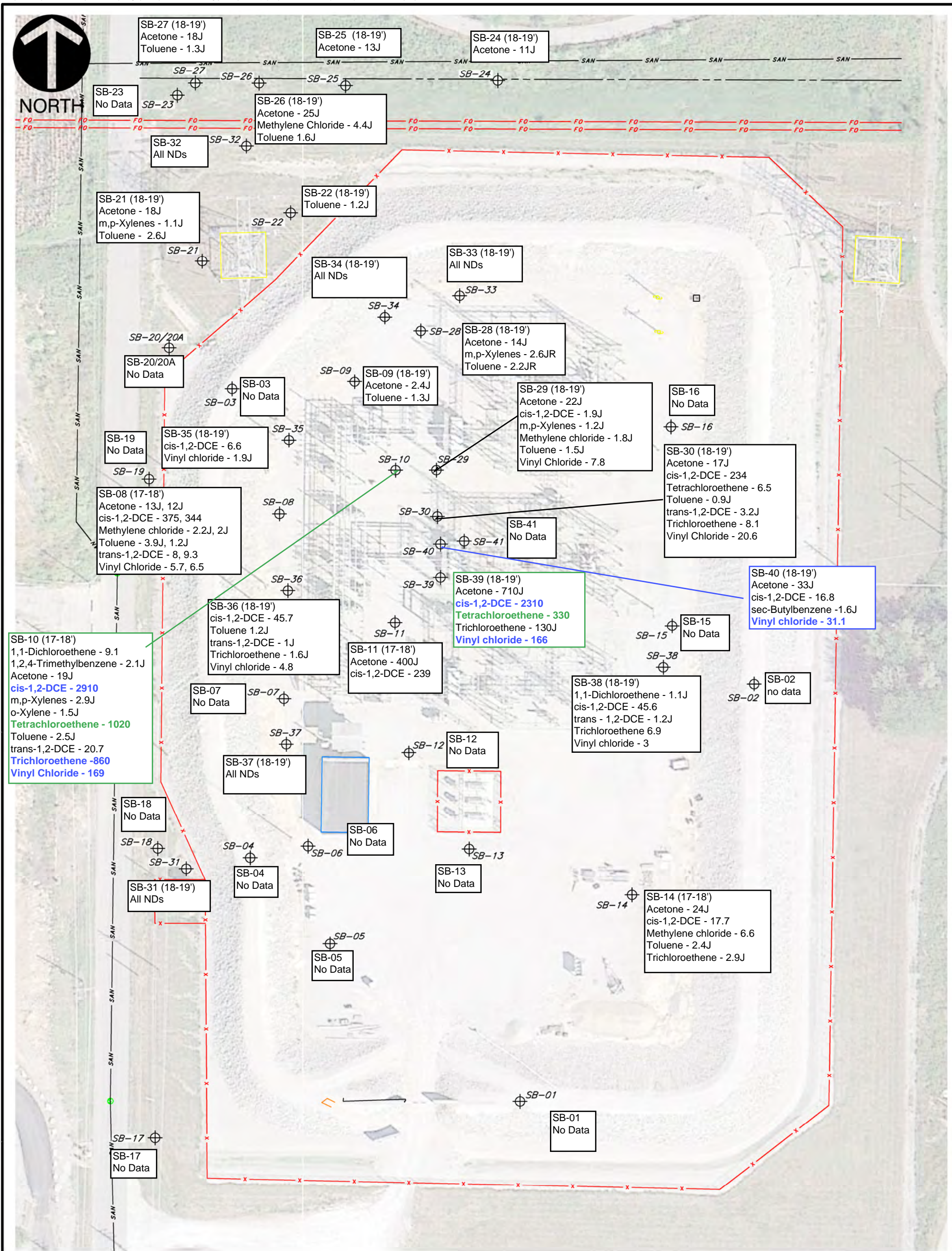


SCALE: 1" = 50'
DATE: APRIL 2015
PROJECT No.: 12036
CLIENT: AMEREN
DRAWN BY: PC
CHECKED BY: DI
APPROVED BY:

TITLE: PHASE 2 INJECTION LOCATIONS
EXPANDED PILOT TEST AREAS
HUSTER RD. SUBSTATION
ST. CHARLES, MO

DRAWING NO. REV.

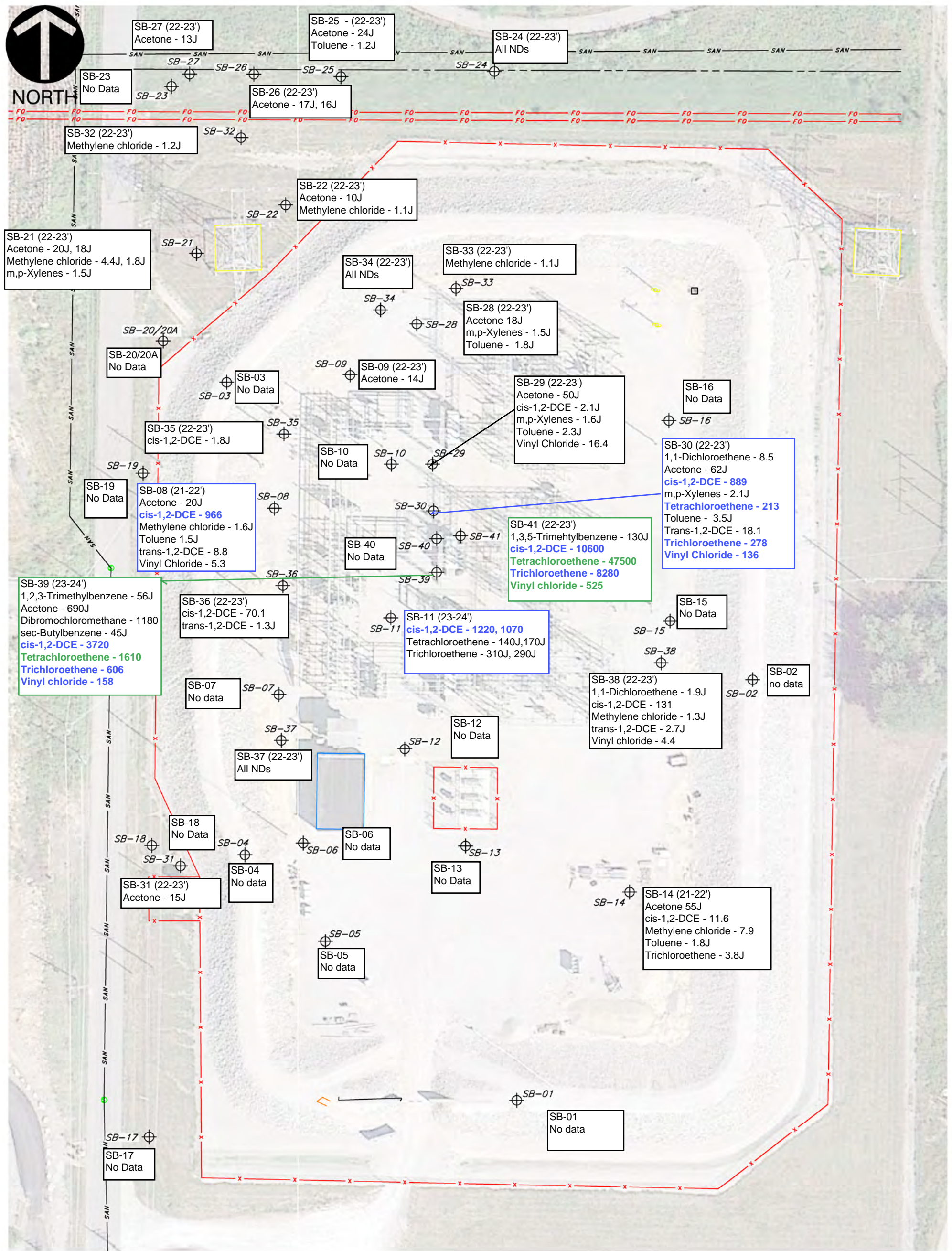
FIGURE 1



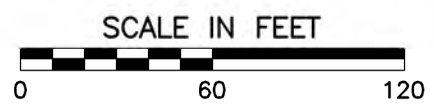
Soil Sample Results at Huster Substation, St. Charles, MO
16-20 feet
Results in ug/kg measurement

SCALE IN FEET
 0 60 120

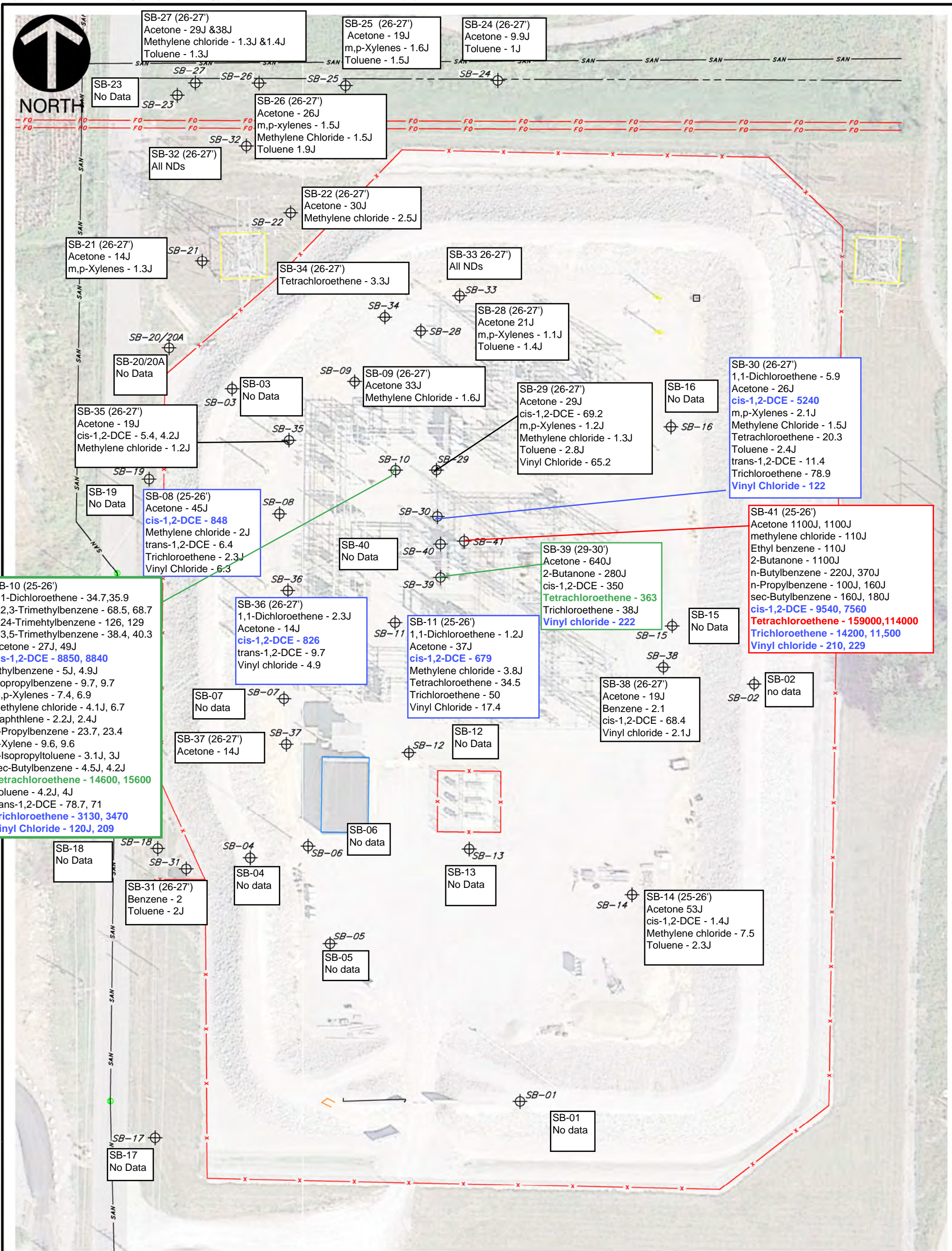
J = Analyte detected below quantitation limits
 R = RPD outside accepted recovery limits
6780 = Blue indicates exceedance of Leaching to groundwater MRBCA RBTLs.
1070 = Green indicates exceedance of Leaching to groundwater and Indoor Inhalation MRBCA RBTLs.
1790 = Red indicates exceedance of Ingestion, inhalation, dermal contact, Indoor Inhalation and Leaching to groundwater MRBCA RBTLs.



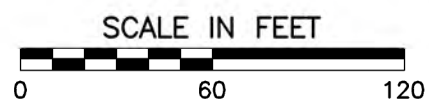
**Soil Sample Results at Huster Substation,
St. Charles, MO
20-24 feet
Results in ug/kg measurement**



J = Analyte detected below quantitation limits
 6780 = Blue indicates exceedance of Leaching to groundwater MRBCA RBTLs.
 1070 = Green indicates exceedance of Leaching to groundwater and Indoor Inhalation MRBCA RBTLs.
 1790 = Red indicates exceedance of Ingestion, inhalation, dermal contact, Indoor Inhalation and Leaching to groundwater MRBCA RBTLs.



**Soil Sample Results at Huster Substation,
St. Charles, MO
24-28 feet
Results in ug/kg measurement**



J = Analyte detected below quantitation limits
6780 = Blue indicates exceedance of Leaching to groundwater MRBCA RBTLS.
1070 = Green indicates exceedance of Leaching to groundwater and Indoor Inhalation MRBCA RBTLS.
1790 = Red indicates exceedance of Ingestion, inhalation, dermal contact, Indoor Inhalation and Leaching to groundwater MRBCA RBTLS.

ATTACHMENT G

December 2018 Remedial Investigation Report

REMEDIAL INVESTIGATION REPORT

**HUSTER ROAD SUBSTATION
3800 HUSTER ROAD
ST. CHARLES, MISSOURI**



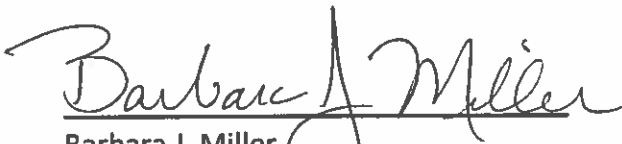
**Prepared By:
Ameren Missouri Environmental Services
One Ameren Plaza
St. Louis, MO 63103**

December 2018

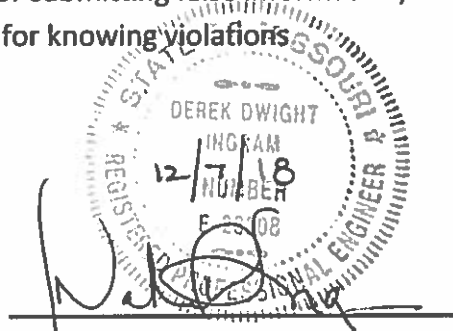
Revision 1

Certification

Under penalty of law, I certify that to the best of my knowledge, after appropriate inquiries of all relevant persons involved in the preparation of the report, the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Barbara J. Miller
Huster Substation Project Manager
Ameren MO Environmental Services



Derek D. Ingram

Derek D. Ingram
Missouri Registered Professional Engineer
No. 028308
XDD, LLC

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APPENDICES

- Appendix A: *Site Investigation Data and Documents Report June 2014*
- Appendix B: *Pilot Study Report – September 15, 2014*
- Appendix C: *Interim Summary of 2014/2015 Expanded Pilot Tests – January 2016*
- Appendix D: Excel Database for PZs
- Appendix E: Excel Database for MWs
- Appendix F: Human Health Risk Assessment – Haley & Aldrich

List of Abbreviations and Acronyms

AOC	Agreement on Consent
bgs	Below ground surface
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
cis-1,2-DCE	cis-1,2-Dichloroethene
COC	Contaminant of Concern
COPC	Contaminants of potential concern
DNAPL	dense, non-aqueous phase liquid
ft	Feet
GCS	Groundwater Containment System
gpm	Gallons per minute
GW	groundwater
HHRA	Human Health Risk Assessment
HI	Hazard Index
ICs	Institutional Controls
MCL	Maximum Contaminant Level
ug/L	micrograms per liter
MDNR or The State	Missouri Department of Natural Resources
mg/kg	Milligram per kilogram
MNA	Monitored Natural Attenuation
MW	Monitoring Well
NCP	National Contingency Plan
Northern Plume	Downgradient of the Ameren Missouri Huster Road Substation
NPDES	National Pollutant Discharge Elimination System
O&M	Operation and maintenance
Off-site	Downgradient of the Ameren Missouri Huster Road Substation
OU	Operating Unit
ppb	Parts per billion
ppm	Parts per million
PCE	Perchloroethene or Tetrachloroethylene
PCB	Polychlorinated Biphenyl
PZ	Piezometers/monitoring wells
RA	Removal Action
RAGS	Risk Assessment Guidance for Superfund
RAO	Remedial Action Objective
RfC	Reference Concentration
RfD	Reference Dose
RI	Remedial Investigation
RME	Reasonable Maximum Exposure
RSLs	Regional Screening Levels
Site	Ameren Missouri Huster Road Substation
SOW	Statement of Work
TCE	Trichloroethylene
UR	Unit Risk
USEPA or EPA	U.S. Environmental Protection Agency
VI	Vapor Intrusion
VC	Vinyl Chloride
VOC	Volatile Organic Compound
ZVI	Zero Valent Iron

1. INTRODUCTION

1.1. Purpose of the Report

This report consolidates and summarizes numerous site investigations and pilot study reports into a single document and describes the current nature and extent of volatile organic compound (VOC) impacts at the Ameren Missouri Huster Substation site in accordance with the requirements of CERLCA-07-2017-0129, Administrative Order on Consent ("AOC") and its Statement of Work ("SOW").

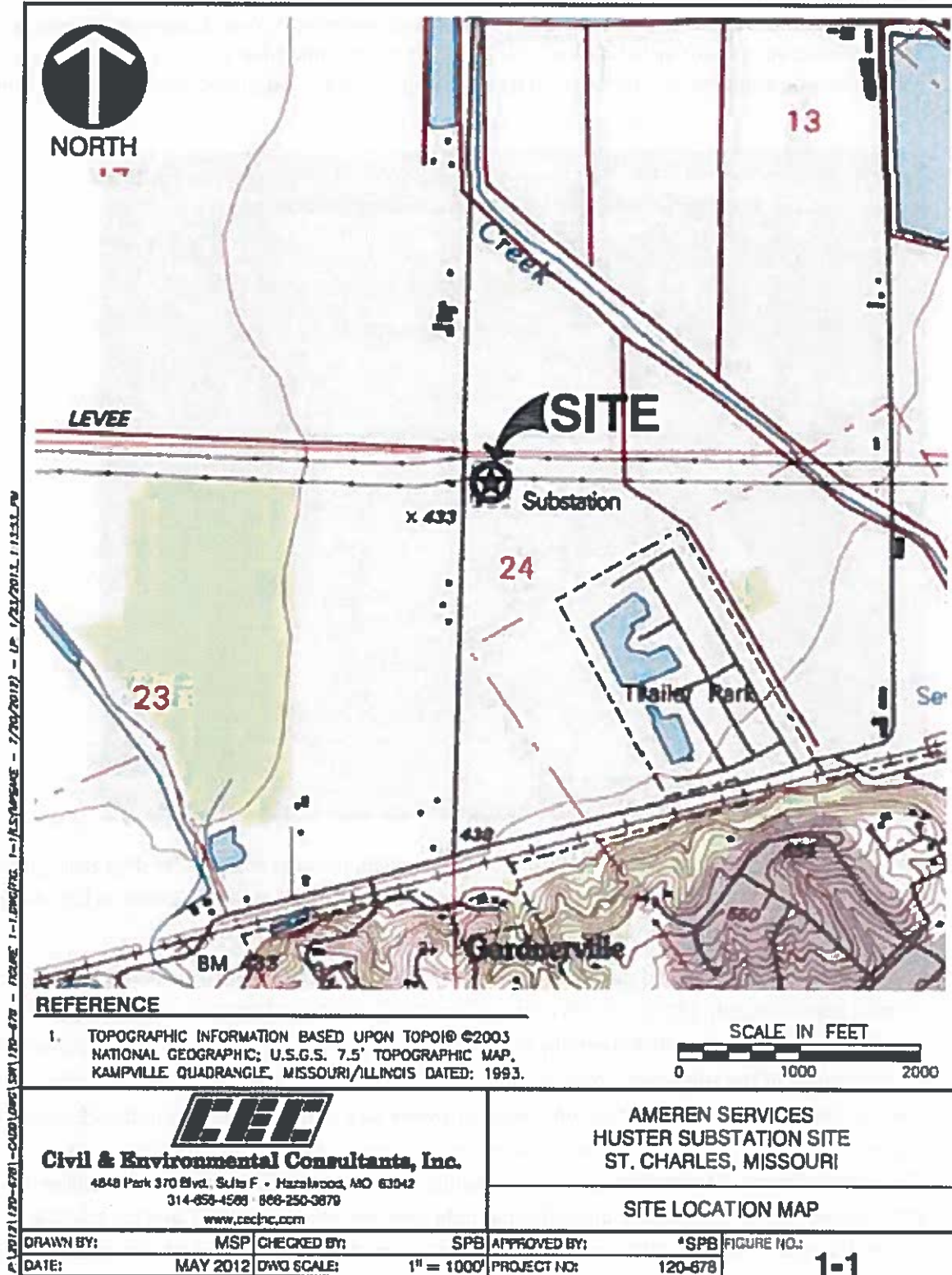
1.2. Site Background

1.2.1. Site Description

The Ameren Missouri Huster Substation, located at 3800 Huster Road, St. Charles, Missouri (the Site), is an active distribution and transmission substation; the site location is shown below. The Site was originally constructed in 1963 and with subsequent expansions now encompasses approximately 8 acres. The Site is protected by a 12-foot high floodwall and gate constructed in 1994 for flood protection. The Site is located within the City of St. Charles Elm Point Wellfield, and adjacent to City Wells 4 and 5. Other wells, specifically City Wells, 6, 7, and the radial well (Well 9) are located north of the Site and the newly installed well 10 is northeast of the Site.

The U.S. Environmental Protection Agency (EPA) has designated this Site as Operable Unit #4 (OU4) of the Findett/Hayford Bridge Road Site due to the presence of common groundwater contaminants and close proximity to Operable Unit #3 of the Findett/Hayford Bridge Road Site (as known as "Findett Corporation Site"). Ameren Missouri is not associated with, or have responsibility for, Operable Units 1-3. The Findett Corporation Site is located to the southwest of the Ameren Missouri Huster Road Substation.

Figure 1 Site Location Map



1.2.2. Site History

Ameren operates the Site as an active distribution and transmission substation containing the following surface features: a control house, three (3) transformers, two (2) capacitor banks, and all associated equipment including a copper grounding grid embedded within crushed limestone. The substation equipment is surrounded by a twelve (12) foot flood protection berm and is fenced.

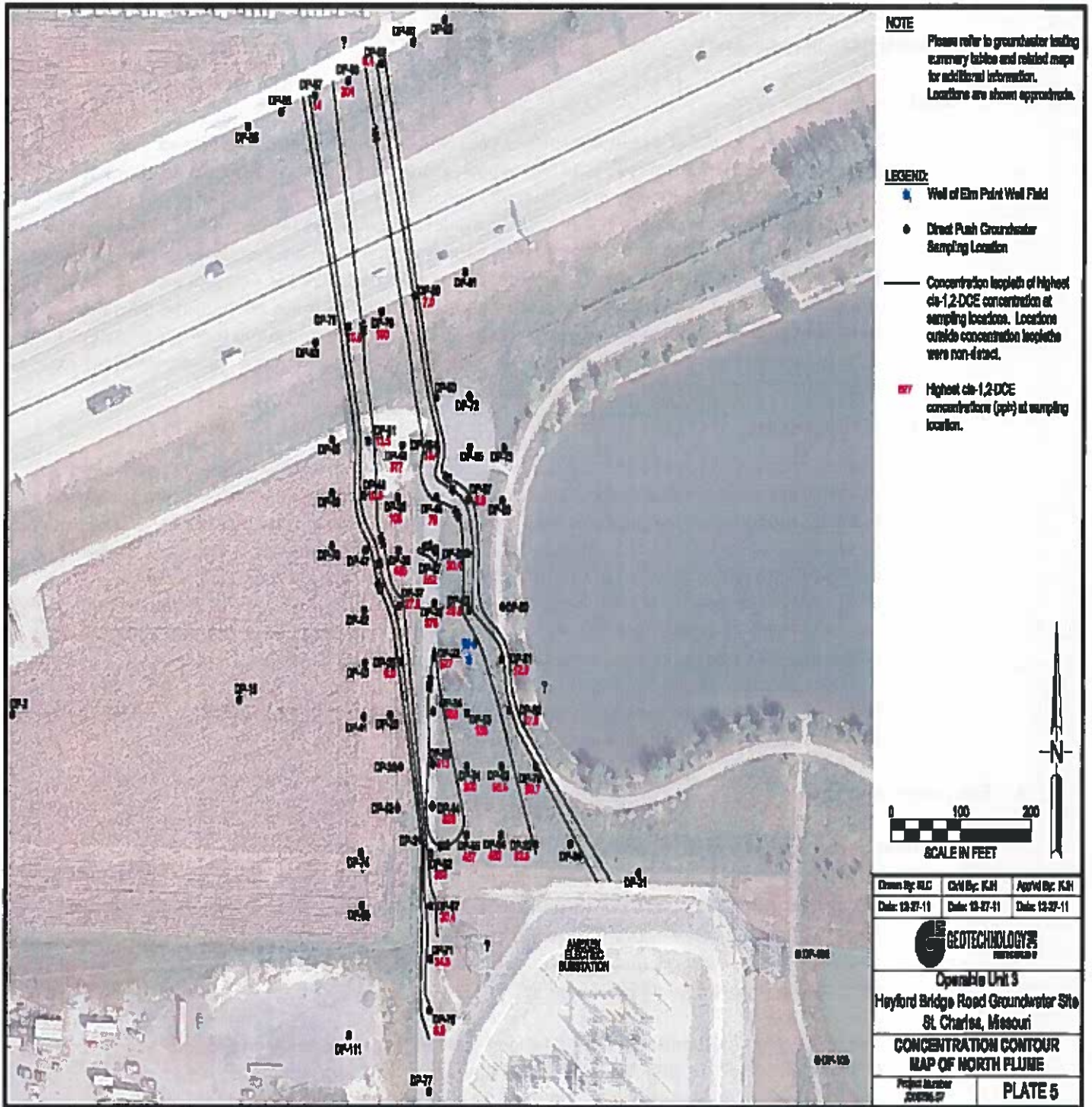
Figure 2 - Huster Substation Perimeter



Ameren Missouri previously has used small amounts of chlorinated solvents for degreasing and metal cleaning at the substation. The chemical was manufactured by Mozel Chemical Company and contained approximately 18% *Tetrachloroethylene (PCE)* and mineral spirits.

In June 2010, indications of potential groundwater impacts were first detected in City Well No. 5 located approximately 180 feet north of the substation boundary. Subsequent groundwater investigations by the Findett Potentially Responsible Party (PRP) Group delineated groundwater impacts north of the substation, consisting of *cis-1,2-Dichloroethene (cis-1,2-DCE)* and *vinyl chloride (VC)*. Maximum detected concentrations were 828 $\mu\text{g/L}$ (*cis-1,2-DCE*) and 45.9 $\mu\text{g/L}$ (*VC*). Figure 3 below contains a summary of the relevant data collected by the OU3 Findett PRP Group. Thereafter, Ameren Missouri independently conducted site investigations in 2012 of soil and groundwater conditions on Site property that indicated the presence of PCE and *cis-1,2-DCE* concentrations in the soil. After entering into a Settlement Agreement and Administrative Order on Consent dated 12/28/2012, Ameren Missouri continued site investigation activities to further delineate the presence of Contaminants of Concern (COCs) at the Site.

Figure 3 Concentration Contour Map of Off-Site Northern Plume by Third Party



2. Site Geology and Hydrology

2.1. Results of Field Activities

2.1.1. Geology

Site geology consists of a granular surface consisting of limestone rock and sand. This composition is 1-3 feet of rock with the copper grounding cable grid lying within. Beneath the grid is a natural clay/silty clay material (cohesive unit) of 28-32 feet thickness. This unit has intermixed, discontinuous zones of trace to moderate sand. The unit increases silt composition at depth. Underlying the cohesive units is a sand material to an anticipated depth of 110 feet to limestone bedrock contact. The unconsolidated materials above the limestone are a part of the flood plain of the Mississippi River, located approximately 2.8 miles north of the Site. Beneath each substation transformer, as part of the facility construction, a sump extends to a depth of 8-10 feet below ground surface (bgs) over an area slightly larger than the transformer coverage. This sump is filled with 3-4" limestone rock.

2.1.2. Hydrogeology

Shallow excavations within the substation typically fill with water that appears to be perched water sitting on top of the native clay soil. As drilling continues deeper, the saturation depth typically appears at around 18 feet below ground surface (bgs) in the silty clays. No free water is observed until the sand unit is penetrated at approximately 30 feet bgs. The sand is a semi-confined unit; wells screened in this unit (35-45 feet bgs) have varying static water levels dependent upon season and Mississippi river elevations. In September 2012, depths to water were between 21 and 23 feet bgs. In April 2013, while the Mississippi River was above flood stage, depths to water in these same wells ranged from 11-12 feet bgs.

Measuring of groundwater elevations at various times indicates a consistent flow direction to the north-northwest with a typical gradient of 0.0007 ft/ft.

3. Site Investigations

3.1. Contaminant Source Investigations

Initial soil testing in 2012 of the Huster Road Substation sampled for tetrachloroethylene to determine whether the contaminant was present and if so whether such substance could potentially be a source of groundwater contamination. (See full *Site Investigation Data and Documents* Report June 2014 in Appendix A).

The initial site investigation identified the presence in both the soil and groundwater of the COCs near electrical equipment, with the highest concentrations being near transformer No.2. The 2012 site investigation identified the following concentrations in soil borings and groundwater:

	PCE (ppb)	TCE (ppb)	cis-1,2-DCE (ppb)	VC (ppb)
Soil – SB41 @27'	159,000	14,200	9,540	229
Groundwater GW-100 (33-37')	73 J	<125	3,260	270

3.1.1. Soil Investigations

During the initial site investigation, a total of forty-four (44) soil borings were drilled at the Site. The site soil was logged consistently as plastic, medium gray-brown silty clay to a depth of 30-34 feet where the lithology transitioned to a fine to medium-grained sand. All borings remained in this sand unit to depths up to 104 feet, the maximum soil sampling depth at the Site. Soil Boring locations are identified on Figure 4.

3.1.2. Groundwater Investigations

A total of 44 groundwater samples (see Figure 5 and Appendix A) (including GW-100) have been profiled to various depth intervals on Ameren's property. Groundwater profiling performed by Major Drilling at location GW-100 started at the depth interval of 103-107 feet (the bedrock surface); samples were obtained at 10-foot intervals up to the last sample at 33-37 feet. Groundwater profiling conducted at locations GW-01 through GW-04 had a maximum sampling depth of 60 feet, whereas GW-05 through GW-27 were sampled down to 40 feet. GW-28 through GW-43 had a maximum sampling depth range of 100 to 106 feet. There was no indication of (DNAPL) observed at the Site.

- Groundwater samples were collected under low-flow sampling conditions after purging approximately 1-2 gallons of water from each discrete sampling interval. Groundwater samples were taken every four feet from 16 ft down to bedrock encountered at 100 ft.

A total of seventeen (17) monitoring wells (see Figure 6) have been installed on the Site, three (3 - (MW-39, 40 & 41)) of which are screened in the perched waters of the cohesive unit of the substation at three (3) different depths around transformer no. 2.

Based upon the results of the site investigations, Ameren Missouri implemented a series of pilot studies that tested various soil and groundwater treatment applications and installed a groundwater containment system (GCS) along the northern border of the Site. A timeline of major field activities conducted at the Site is set forth in Table 1 below and the various pilot studies are described in section 5.0.

Figure 4- Soil Boring locations

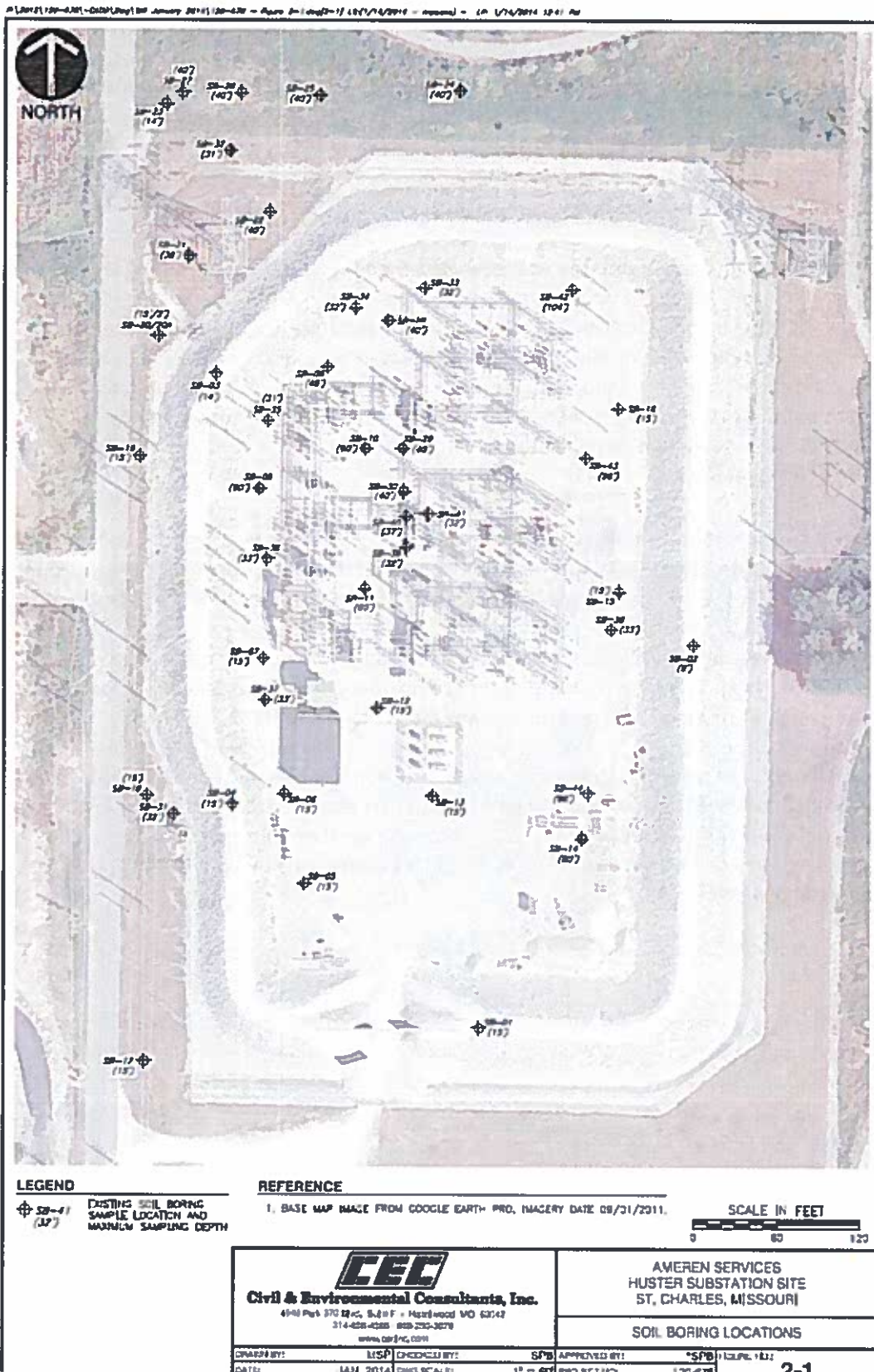


Figure 5 - Groundwater Sampling Locations

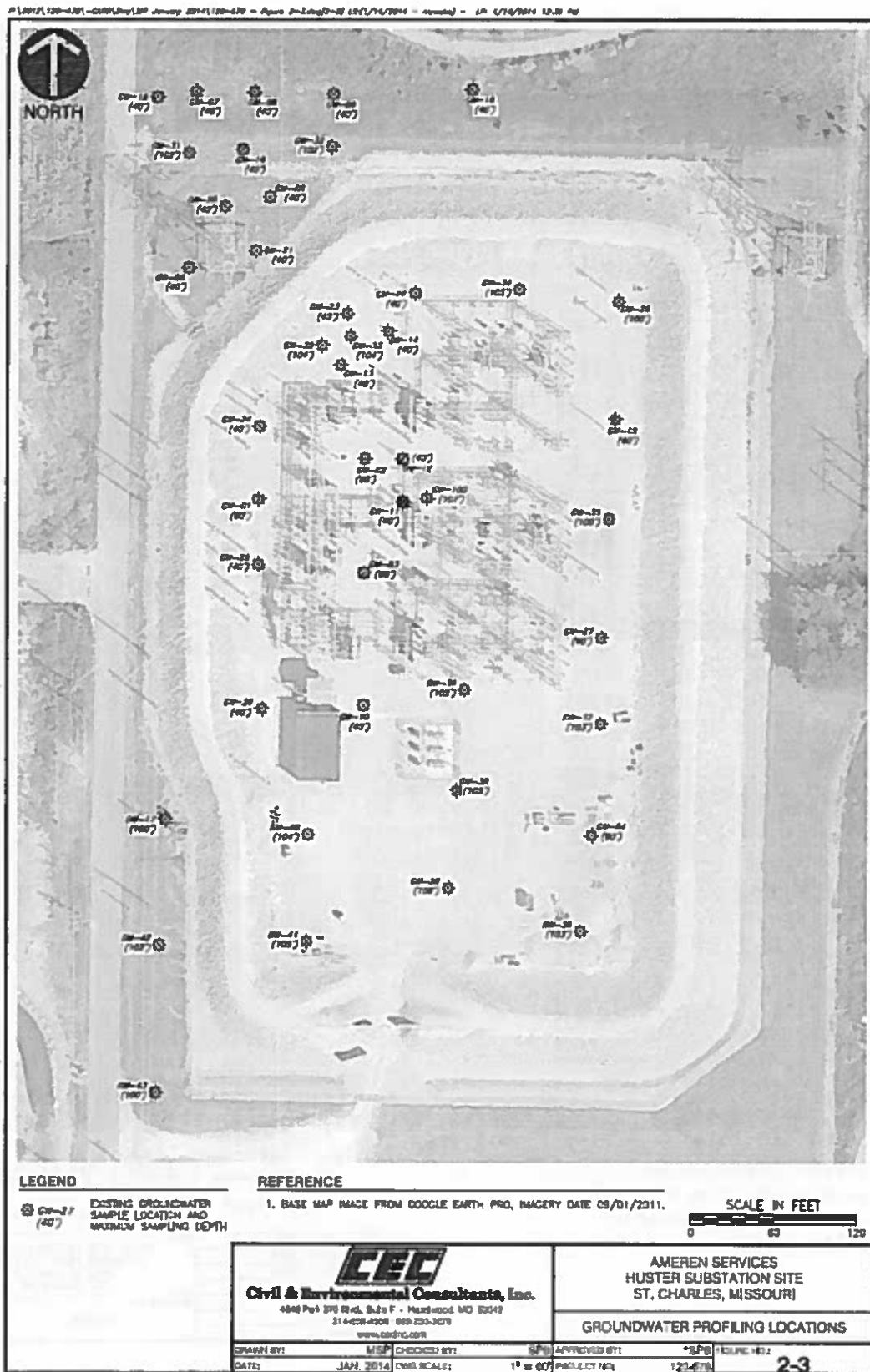


Figure 6- Site Monitoring well locations, past and current analytical data

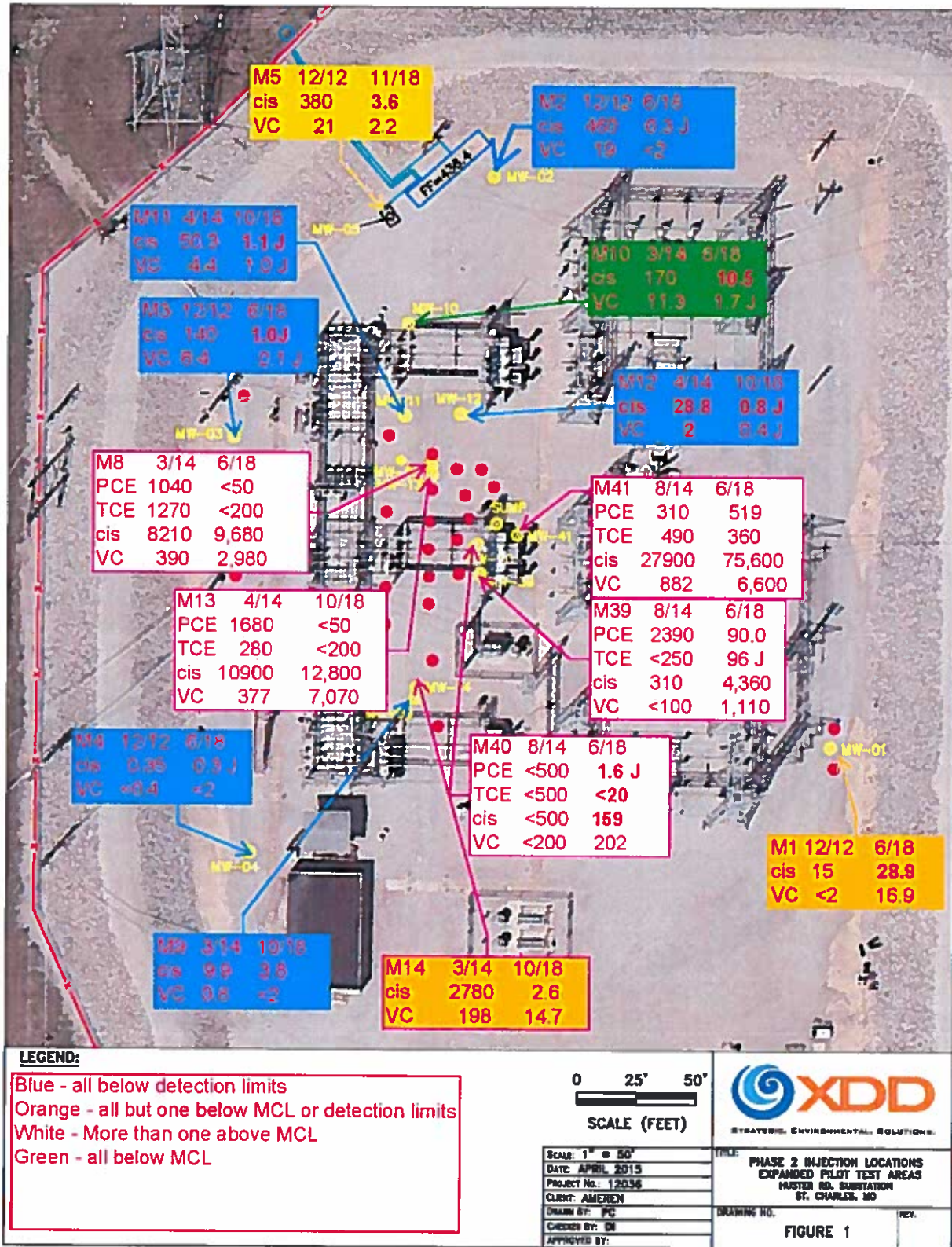


Figure 6 modified by Ameren.

Table 1: Timeline of major field activities that were conducted at the Site

2012	2013	2014	2015	2016	2018
April - surface and subsurface soil sampling	December – subsurface soil sampling and groundwater profiling.	March - On-Site Pilot Study in-situ remediation technologies – Injections into clay: Zero Valent Iron EHC® (zero-valent iron with controlled release carbon and nutrients) Injections, Potassium Permanganate injections; Injections into groundwater – Bio-augmentation	April - On-Site Pilot Study #2 soil treatment: Injections into clay: Sodium Permanganate injections around Transformer #2. Off-Site treatment: Completed the injection of Sodium Persulfate into groundwater near City Well #5	October - On-Site Pilot Study #3: Injections into groundwater: Bio-Augmentation	August – On-Site Pilot Study #4: Injection of sodium permanganate into the clay around transformer 2: Injection of Bio-augmentation into groundwater around MW-9, MW-14, MW-8, MW-13 and feeding of biomass at MW-11 & 12.
June – Subsurface soil sampling and groundwater profiling		March - On -Site Installation of Groundwater Containment System			
July – groundwater profiling, subsurface soil sampling and test pits sampling adjacent to transformers		November – Off-Site Treatment Pilot Study - Installation of two (2) zero-valent iron EHC® permeable barriers downgradient from City Well #5 and south of 370			
August – Subsurface soil sampling , groundwater profiling, MW installations, slug tests and well gauging		November – Off-Site Treatment Pilot Study - Injection of Sodium Persulfate into groundwater near City Well #5			
November – subsurface soil sampling and groundwater profiling					

4. Nature and Extent of Contamination

4.1. Nature

The source of PCE contamination and its degradation products at the Site may be from the limited use during maintenance activities of the product Mozel which contained 18% PCE. It was used to clean oily surfaces prior to maintenance on substation equipment. The location of the highest COCs is near transformer No. 2.

4.2. Extent

The initial site investigation identified the presence of the COCs on site near electrical equipment, in both the soil and groundwater, with the highest concentrations being near transformer no.2. The 2012 site investigation, SB-41 at 27.5', COC concentrations of 159,000 ppb PCE, 14,200 ppb TCE and 9,540 ppb cis-1,2-DCE and 229 ppb VC were detected in the soil. In the groundwater, GW-100 (33-37'), detections were: PCE – 73J ppb; TCE<125 ppb; cis-1,2-DCE 3260 ppb; VC 270ppb.

Subsequent to those initial results, additional investigation further delineated the extent of COCs on the Site. Groundwater samples were taken at depths to 60 feet with several locations (GW17, GW28 – GW43, GW100) going to top of bedrock (up to 100 feet) to check for the presence of dense, non-aqueous phase liquid (DNAPL). Based upon that investigation, the extent of groundwater contamination above MCL concentrations was limited to 45 feet and above, except at one location (GW100) where the MCL was exceeded for PCE (MCL 5 ug/L) at depths 53-87 feet (5.4 ug/L @ 50-60', 12.7 @ 67' & 6.1 ug/L @87'). There was no indication of (DNAPL) observed at any sampling location at the Site. The results of those sampling activities are contained in the *Site Investigation Data and Documents Report June 2014* (Appendix A), previously submitted to USEPA and the Missouri Department of Natural Resources (MDNR).

4.2.1 Soil

Soil concentrations of target compounds have been greatly reduced following application of treatment technologies used during the various pilot studies performed at the Site (see Section 5.0). Sampling data reflects a dramatic decrease of COC concentrations following the injection of both potassium (pilot study #1) and sodium (pilot studies 2 & 4) permanganates into the clays at the Site. Below is a chart depicting mass reductions observed over a four-year period as a result of Pilot Studies #1 and #3.

4.2.2 Groundwater

4.2.2.1 Off-Site area of potential impacts north of the Site: Following the off-site groundwater treatment activities in pilot study #2 (i.e. sodium persulfate groundwater treatment near City Well No. 5 and the installation of the EHC permeable barriers south of 370), COC concentrations in groundwater are were below MCLs for all wells in this area and below detection limits at all but three wells. The concentration levels both pre- and post-study is presented in Figure 7 for North of 370 and in Figure 8 for south of 370.

4.2.2.2 The Site

Sampling data reflect that dense, non-aqueous phase liquid (DNAPL) is not present at the site as reflected the *June 2014 Site Investigation Data and Documents Report June*. See Appendix A.

The operation of the GCS has been effective in keeping COCs from the Site from migrating into the former plume area north of the Site. In addition, the onsite pilot studies (see section 5.0) have been effective in reducing the COCs concentrations in the groundwater in a short period of time. Of the seventeen monitoring wells for the Site, eight are now below MCL for all COCs, two are below MCL for three out of four COCs while five are above MCL for two or more of the COCs. This is an improvement from pre-pilot test concentration levels in that there were only two monitoring wells that were below the MCLs for all COCs. Below is a chart reflecting such reductions following post-study implementation.

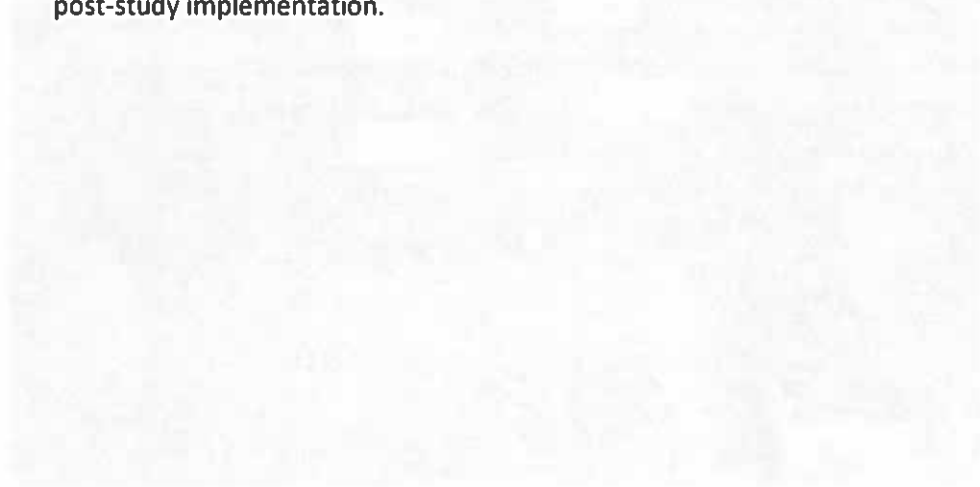
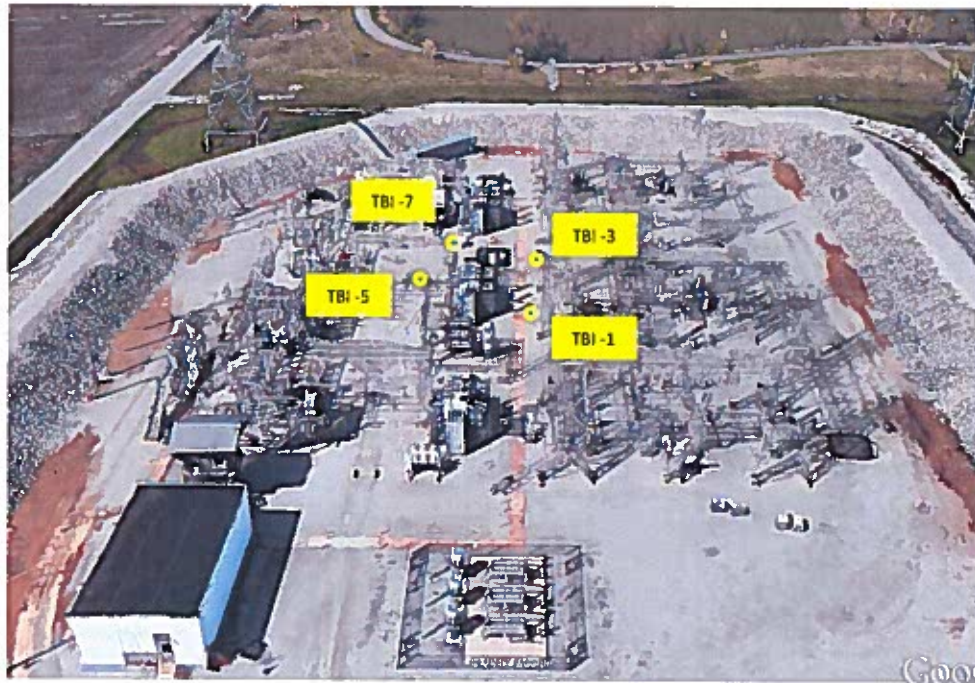


Table 2: Huster Substation – 2017 – Soil Data



Depth of sample		7.5'		% Change	17.5'		% Change	27.5'		% Change
Year	Unit of measure	2012 ug/kg	2016 ug/kg		2012 ug/kg	2016 ug/kg		2012 ug/kg	2016 ug/kg	
TBI-1 (SB-39 (2012) the closest)	PCE	<150	<5.7	UK	330	20.5	94	363	1.6 J	100
	TCE	<150	<5.7	UK	130 J	51.9	60	38 J	3.1 J	100
	cis-1,2-DCE	1,340	1.2J	100	2,310	526	77	350	55.8	84
	Vinyl Chloride	314	2.0J	100	166	26.6	84	222	4.5	98
TBI-3(near SB-41(2012))	PCE	35,000	<5.7	100	147,000	<4.9	100	159,000	2.2 J	100
	TCE	6,780	<5.7	100	14,400	<4.9	100	14,200	<6.3	100
	cis-1,2-DCE	10,700	<5.7	100	11,400	28.3	99.7	9,540	5,740	40
	Vinyl Chloride	450	1.0 J	100	280 J	41.6	85	229	489	113 I
TBI-5 (no corresponding 2012 location)	PCE	-	<5.8	UK	-	38.9	UK	-	7.4	UK
	TCE	-	<5.8	UK	-	147	UK	-	5.7J	UK
	cis-1,2-DCE	-	29.8	UK	-	1,160	UK	-	295	UK
	Vinyl Chloride	-	5.3	UK	-	102	UK	-	4	UK
TBI-7(near SB-10 (2012))	PCE	<5.6	<5.9	NC	1,020	<4.7	100	15,600	<5	100
	TCE	<5.6	<5.9	NC	860	<4.7	100	3,470	<5	100
	cis-1,2-DCE	17.6	6.8	61	2,910	533	82	8,850	4,820	46
	Vinyl Chloride	7.3	0.7 J	99	169	119	30	209	364	74 I

I = Increase UK = Unknown NC = No Change

Figure 7 - Off-Site Current Results North of 370

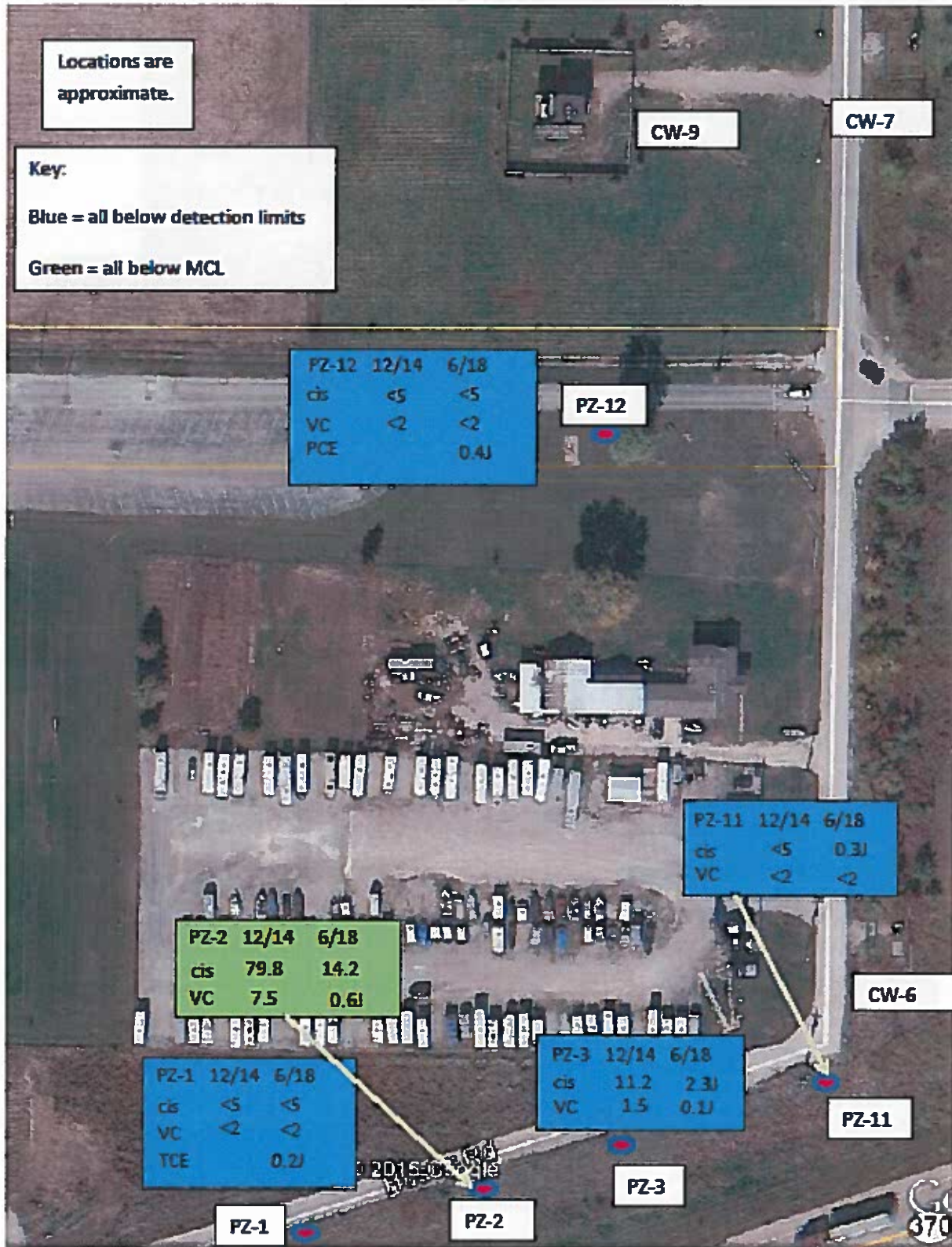


Figure 8 - Off-Site Current Results South of 370

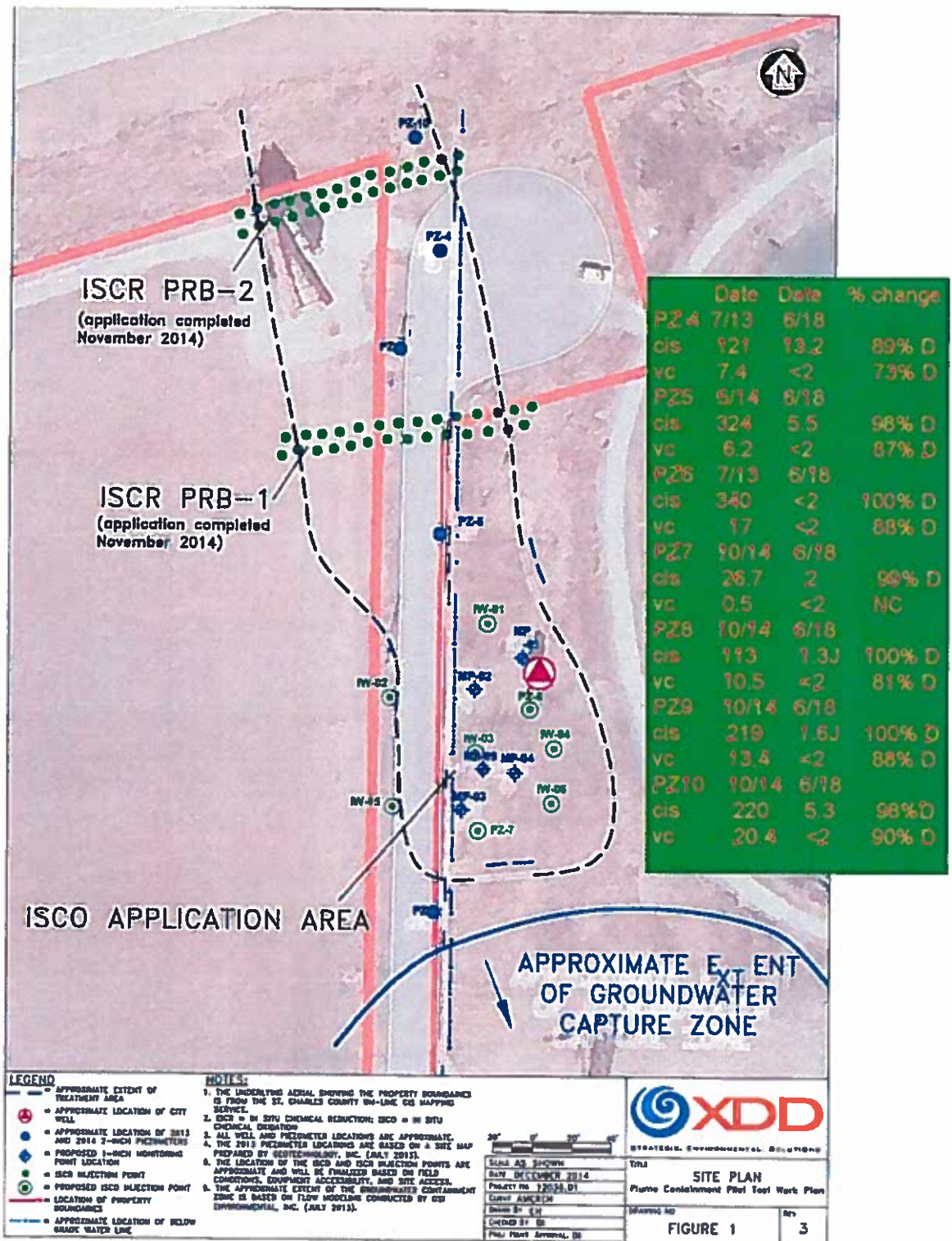


Figure 8: Modified by Ameren

Table 3: Pre-2018 and 2018 MW Data: (MWs #2 & 4 are not on chart as they have been below detection limits for all COCs for a long period of time see Appendix E)

Well	Date	Tetrachloroethene (PCE) (ug/L)	Trichloroethene (TCE) (ug/L)	cis-1,2-DCE (cis) (ug/L)	Vinyl Chloride (VC) (ug/L)
MW-1	04/01/2014	<5	4.2 J	188	9.7
	6/5/2018	<0.5	<2.0	28.9 (85% decrease)	16.9 (74% increase*)
MW-3	12/03/2012	0.56	<0.29	140	6.4
	6/5/2018	<0.5	<2.0	1.0 J (100% decrease)	0.1 J (100% decrease)
MW-5	12/07/2012	<0.28	<0.29	380	21
	6/5/2018	<0.5	<2.0	6.1 (98% decrease)	7.4 (65% decrease)
MW-6	12/03/2012	<0.28	<0.29	590	21
	6/5/2018	<0.5	<2.0	1.0J (100% decrease)	<2 (100% decrease)
MW-7	12/03/2012	<0.28	<0.29	83	5.9
	6/5/2018	<0.5	<2.0	1.6 J (100% decrease)	<2 (100% decrease)
MW-8	03/13/2014	1040	1270	8,210	390
	6/5/2018	<50 (95% decrease)	<200 (84% decrease)	9,680 (18% increase*)	2,980 (664% increase*)
MW-9	3/12/2014	<5	<5	9.9	0.8
	10/16/2018	<0.5	<0.5	3.8	<2.0
MW-10	03/13/2014	46.1	47.1	170	11.3
	6/5/2018	<0.5 (100% decrease)	<2.0 (100% decrease)	10.5 (94% decrease)	<1.7 J (100% decrease)
MW-11	05/20/2014	<50	<50	551	54.1
	10/16/2018	<0.5	<2.0	1.1 J (100% decrease)	1.0 J (100% decrease)
MW-12	03/20/2014	<5	<10	319	21.8
	10/16/2018	<0.5	<2.0	0.8 J (100% decrease)	0.4 J (100% decrease)
MW-13	04/25/2014	1680	280	10,900	377
	10/16/2018	<50 (97% decrease)	<200	12,800 (17% increase*)	7,070 (1,775% increase*)
MW-14	03/14/2014	<100	<100	2,780	198
	10/16/2018	<0.5 (100% decrease)	<2 (100% decrease)	3.3 (100% decrease)	18.1 (91% decrease)
MW-39 (in clay)	08/27/2014	2390	< 250	310	< 100
	6/6/2018	90 (96% decrease)	96 J (52% decrease)	4,360 (1,360% increase*)	1,110 (1,010% increase*)
MW-40 (in clay)	08/27/2014	<500	<500	<500	<200
	6/6/2018	<1.6 J (100% decrease)	<20 (96% decrease)	159 (68% decrease)	202 (no change)
MW 41 (in clay)	08/27/2014	310	490	27,900	882
	6/6/2018	519 (67% increase)	360 (26.5% decrease)	75,600 (1,710% increase*)	6,600 (6,483% increase*)

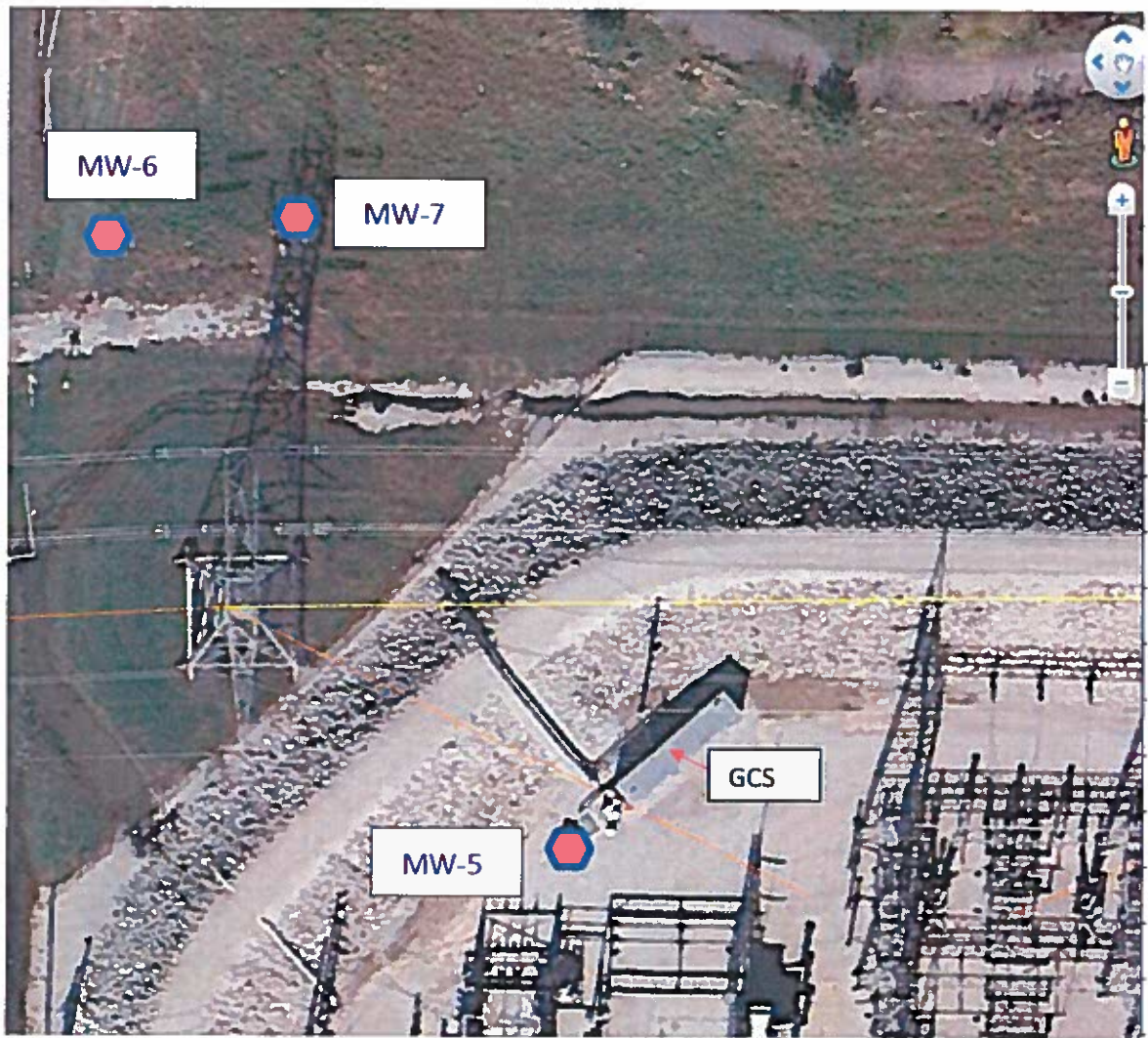
Blue is the most recent sampling data. Green denotes below the MCL. * reflects normal decomposition process

5.0 Pilot Studies

5.1 Groundwater Containment System

In March 2014, Ameren Missouri installed a GCS as part of its implementation of obligations set forth in the Settlement Agreement and Administrative Order on Consent, CERCLA-07-2012-0025. The objective of the GCS was to prevent COCs identified in the groundwater at the Site from migrating offsite and northward towards the City's drinking water wells. Three extraction wells operating at approximately 62 gallons/minute rate captured groundwater through air stripper prior to discharge via an NPDES outfall permitted by MDNR. (NPDES permit #MO-0137642). Extraction wells MW-6 and MW-7 are located at Ameren Missouri's property boundary to ensure that impacted water does not leave the Site. Placement of the GCS is depicted in Figure 9 below.

Figure 9 - Location of GCS and its three extraction wells



The GCS has been very effective in maintaining the COCs in the groundwater on-site and there has been no rebound in COCs in off-site groundwater even after completion of the pilot studies offsite groundwater treatment. Sampling reflects that off-site groundwater is below MCLs for all COCs. See Figures 7 & 8.

5.2 Pilot Study #1 - In-situ soil and groundwater remediation technologies

The initial pilot study was conducted inside the substation in March 2014 and evaluated the potential performance of three different in-situ remediation technologies in limited areas near electrical equipment on the Site: zero valent iron, potassium permanganate and bio-augmentation. Within five months following the injection of potassium permanganate into three groundwater wells and at different clay depths near transformer No. 2 and its sump, PCE and TCE decreased by 50 – 96%. Decreases in PCE and TCE were also observed following the injection of EHC – zero valent iron into soil areas of high impact. As a result of the biomass injection in groundwater, dramatic improvements in concentration levels were observed with PCE and TCE below detection limits, cis-1,2DCE below the MCL and VC slightly above the MCL. Details of this pilot study can be found in Appendix B – "*Pilot Study Report – September 15, 2014*".

5.3 Pilot Study #2 - Off-Site Groundwater & On-Site Soil Remediation Technologies

To evaluate and address impacted groundwater located north of the substation – commonly called the "Northern Plume", Ameren conducted a second pilot study in November 2014 and April 2015. The second pilot study encompassed the injection of a double *EHC-enhanced ZVI* permeable barrier north of City Well no. 5 and south of Highway 370, *sodium persulfate* injections as groundwater treatment near City Well no. 5 (see Figures 10 & 11) and injection of *sodium permanganate* (April 2015) into the clay layer inside the levee area of the Site in areas of highest impact of COCs near transformer No. 2.

5.3.1 Off-Site Pilot Summary

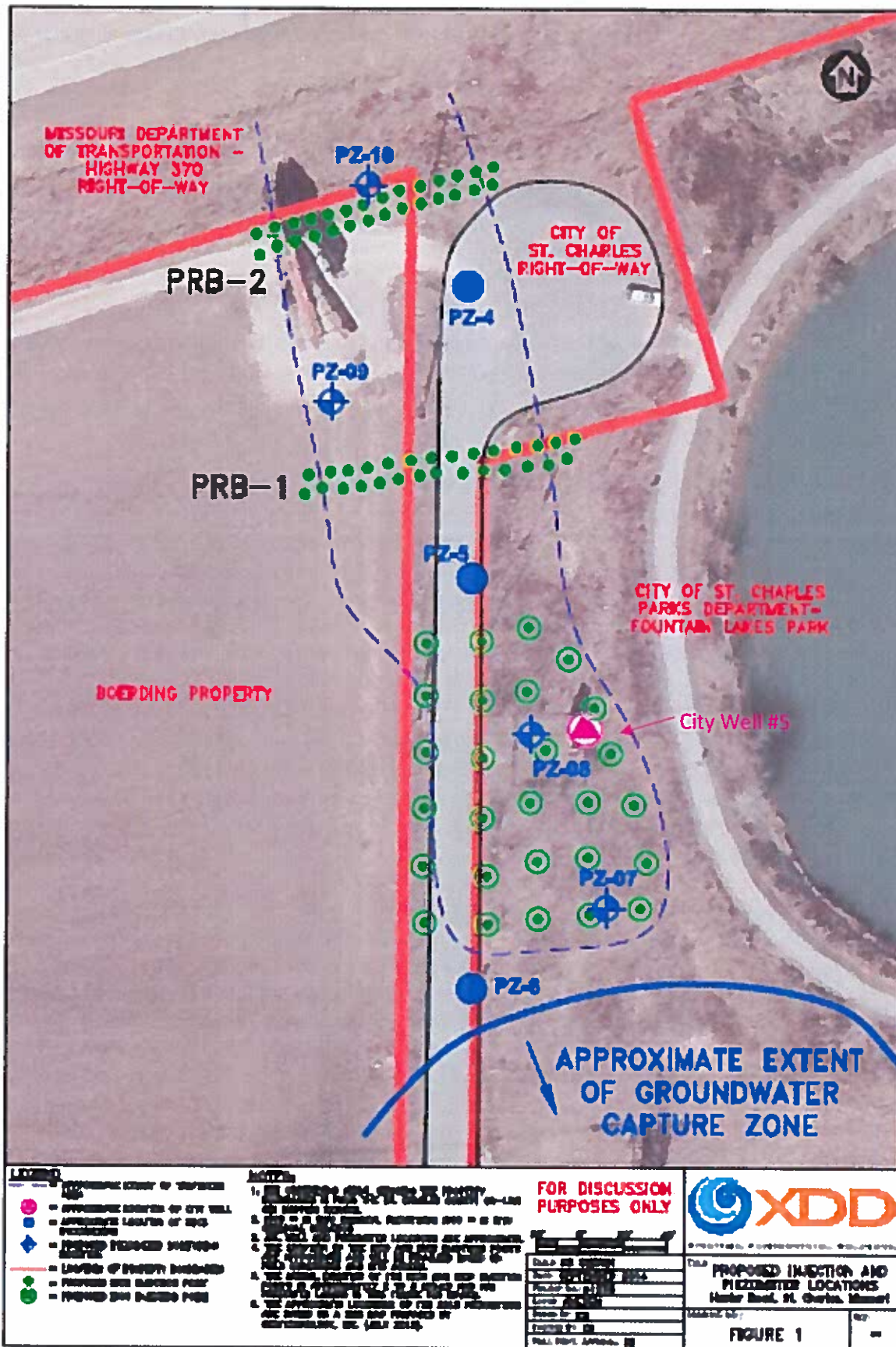
Two (2) twenty foot (20') wide permeable EHC® ZVI barriers were installed using a total of 30,700 lbs of EHC®, covering a total of 3,800 sf. EHC® is a product which combines zero-valent iron (ZVI) with controlled-release carbon and nutrients to promote strong reducing conditions when applied in subsurface environments, creating conditions that facilitate rapid degradation and complete destruction of chlorinated organics.

Within one year of the installation of ZVI permeable barriers, groundwater samples at PZ10 (the last monitoring well after the ZVI permeable barriers on the south side of 370) were below MCLs for all COCs. In addition, as of 12/15, sampling data from, PZ-2 (north of 370) was below the MCL for cis-1,2-DCE and VC with only two quarters where VC was only slightly above MCL (See appendix D). Currently PZ-2 below the MCL for all COCs (see Figure 7 for the current analytical results).

Following the injection of sodium persulfate around City Well No. 5, COC concentrations levels were reduced to below MCL within eight months. There has been no rebound in concentration levels and sampling data from the PZs around City Well no. 5 continue to be below MCL and the majority of sampling data in this area is below detection limits for the COCs. (See Figures no. 8 for the most current analytical results south of 370).

A full report of the second pilot study can be found in Appendix C - *Interim Summary of 2014/2015 Expanded Pilot Tests – January 2016*.

Figure 10 - Locations of Off-Site Pilot Study #2



- LEGEND**
- APPROXIMATE LOCATION OF CITY WELL
 - APPROXIMATE LOCATION OF RECOVERY BOREHOLE
 - APPROXIMATE LOCATION OF PIEZOMETER
 - LOCATION OF PROPERTY BOUNDARY
 - PROPOSED RECOVERY BOREHOLE
 - PROPOSED PIEZOMETER

NOTES

1. THIS STUDY IS A PART OF THE HUSTER SUBSTATION REMEDIAL INVESTIGATION.
2. THE DATA FROM THIS STUDY WILL BE USED TO DETERMINE THE EFFECTIVENESS OF THE REMEDIAL ACTION PLAN.
3. THE DATA FROM THIS STUDY WILL BE USED TO DETERMINE THE EFFECTIVENESS OF THE REMEDIAL ACTION PLAN.
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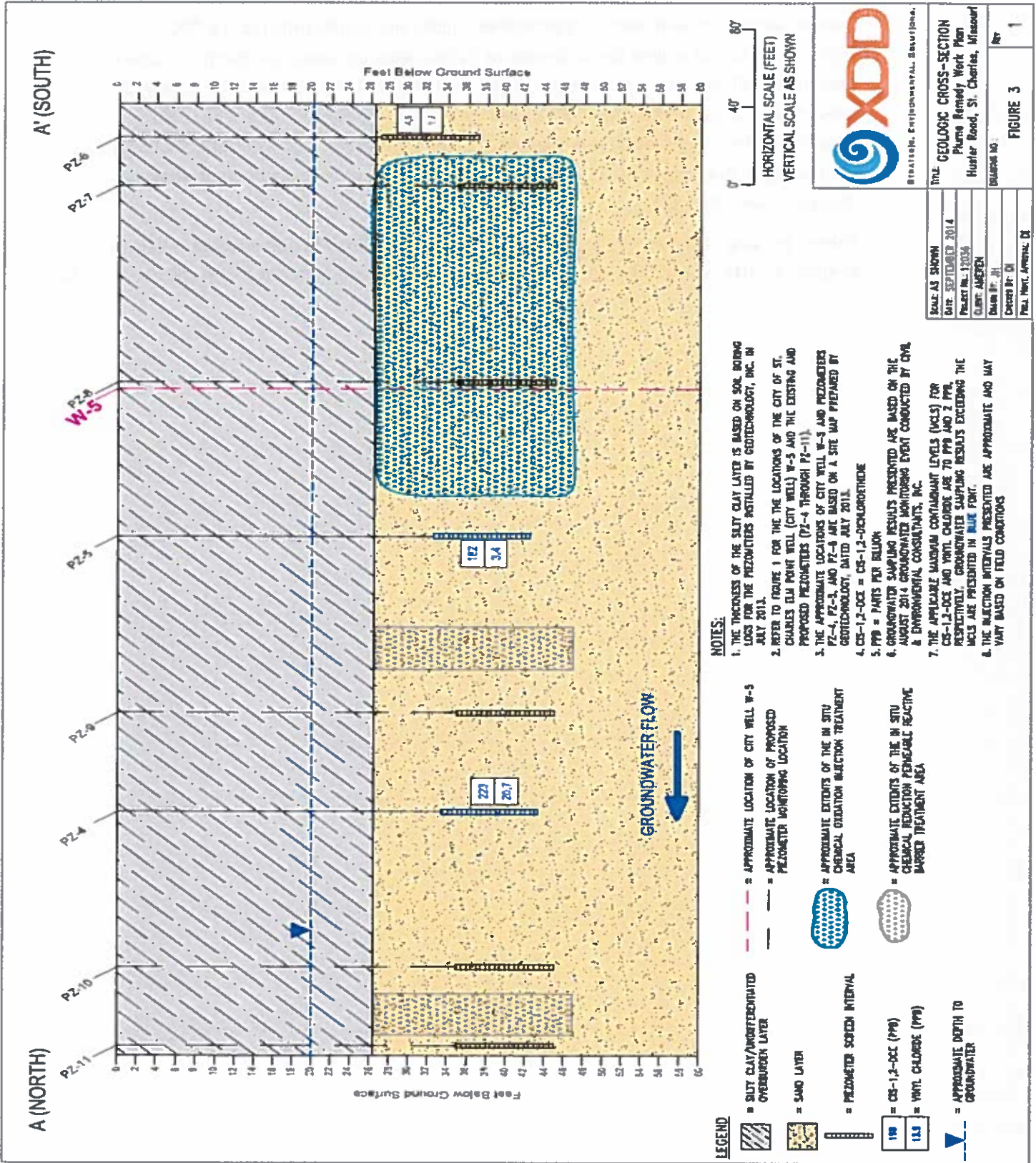
FOR DISCUSSION PURPOSES ONLY



DATE OF STUDY	NOVEMBER 2014
PROJECT NO.	1014-001
SCALE	AS SHOWN
DATE OF PRINT	NOVEMBER 2014
PROJECT NO.	1014-001
SCALE	AS SHOWN
DATE OF PRINT	NOVEMBER 2014

PROPOSED INJECTION AND PIEZOMETER LOCATIONS	
HUSTER SUBSTATION, ST. CHARLES, MISSOURI	
SCALE: 1" = 100'	DATE: 11/10/14
FIGURE 1	

Figure 11 - Cross Section of Off-Site Pilot Study #2 Injection Locations



5.3.2 On-Site Pilot Summary #2

In pilot study No. 2, sodium permanganate was applied near transformer No. 2 and in other areas as an aggressive oxidation approach to quickly and significantly reduce COC concentrations and to limit the potential for further leaching into groundwater. A total of twenty-six (26) injection locations were used to distribute the permanganate at varying groundwater depths (maximum 28') and locations below ground surface. The sodium permanganate concentration was injected in liquid form and at a concentrations of 30-60 grams per liter (g/L). Approximately 15,755 gallons total of sodium permanganate solution was injected. (See Figure 12)

Table 2 (on page 18) depicts some limited soil sample results from the initial sampling to soil samples in 2016 which reflects the results this pilot study had on the soil concentrations on Site.

Figure 12 – Pilot Study #2 - Sodium Permanganate injections locations with amounts injected

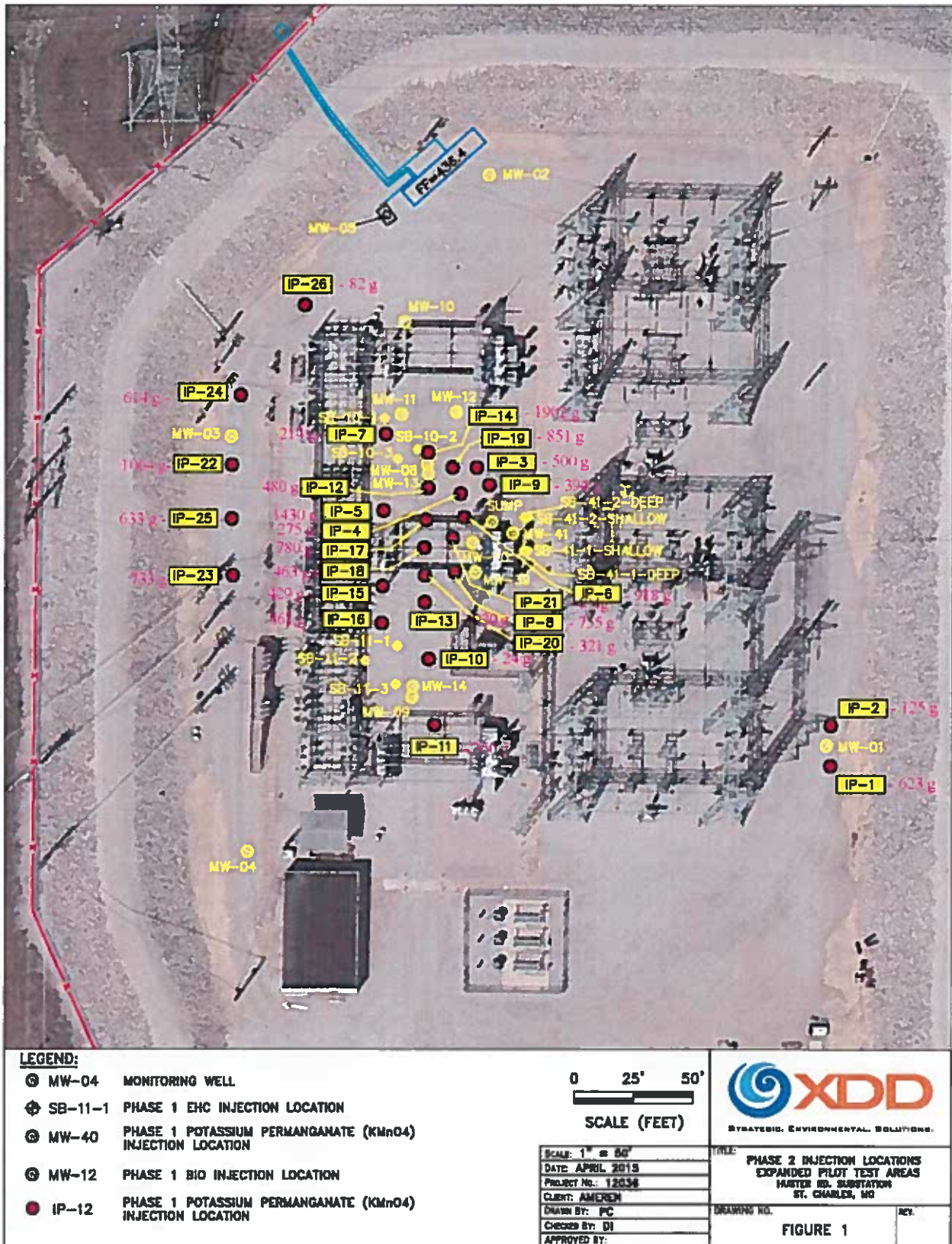


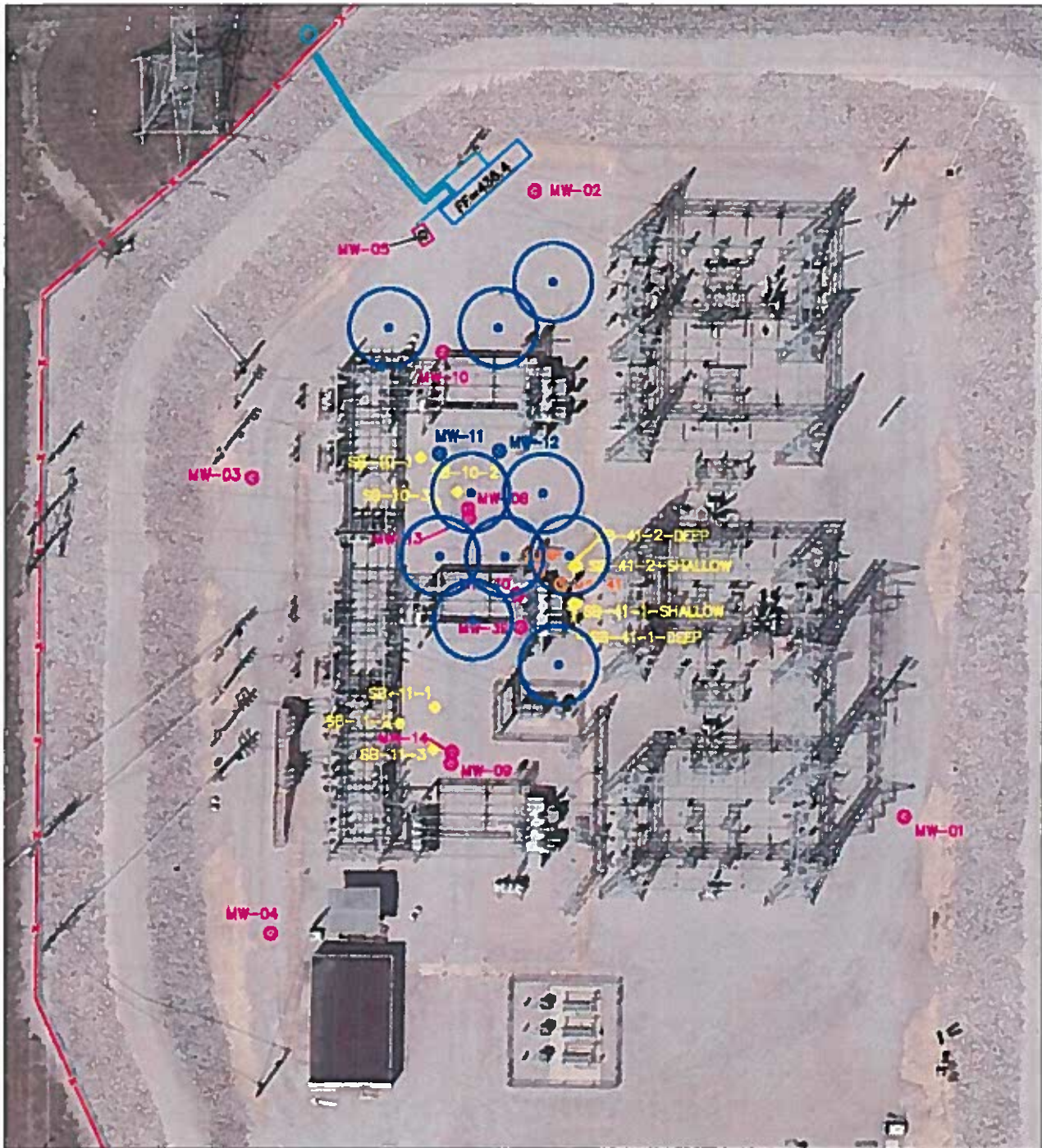
Figure 12 – Modified by Ameren

5.4 Pilot Study #3 - On-site Bio-Augmentation

In October 2016, Ameren Missouri conducted a third pilot study focused on the areas of highest impact of COCs near transformer No.2 and along the center of site (See Figures 13 & 14). This pilot expanded the biomass size injected into groundwater during the original pilot study to include groundwater below transformer No.2, the center of the substation and areas north of the distribution electrical equipment.

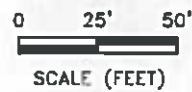
Within the seven (7) months following the augmentation injections, sampling data from monitoring wells MW10, MW11, and MW12, immediately downgradient of MW-8 and MW13 that exhibit the highest concentrations of COCs, reflect non-detect concentrations for all COCs. In addition, concentration levels of cis-1,2-DCE have reduced by 33% at MW8 and 40% at MW13. The VC concentrations at such locations have increased slightly, reflecting the normal decomposition process.

Figure 13 - Pilot Study #3 Bio Injection Locations



LEGEND:

- MW-04 MONITORING WELL
- ◆ SB-11-1 PHASE 1 EHC INJECTION LOCATION (IN YELLOW)
- MW-40 PHASE 1/2 POTASSIUM PERMANGANATE (KMnO4) INJECTION LOCATION
- MW-12 PHASE 1 & PHASE 3 BIO INJECTION LOCATION
- PROPOSED PHASE 3 BIO INJECTION LOCATION (ASSUMED 15 FT. RADIUS OF INFLUENCE)

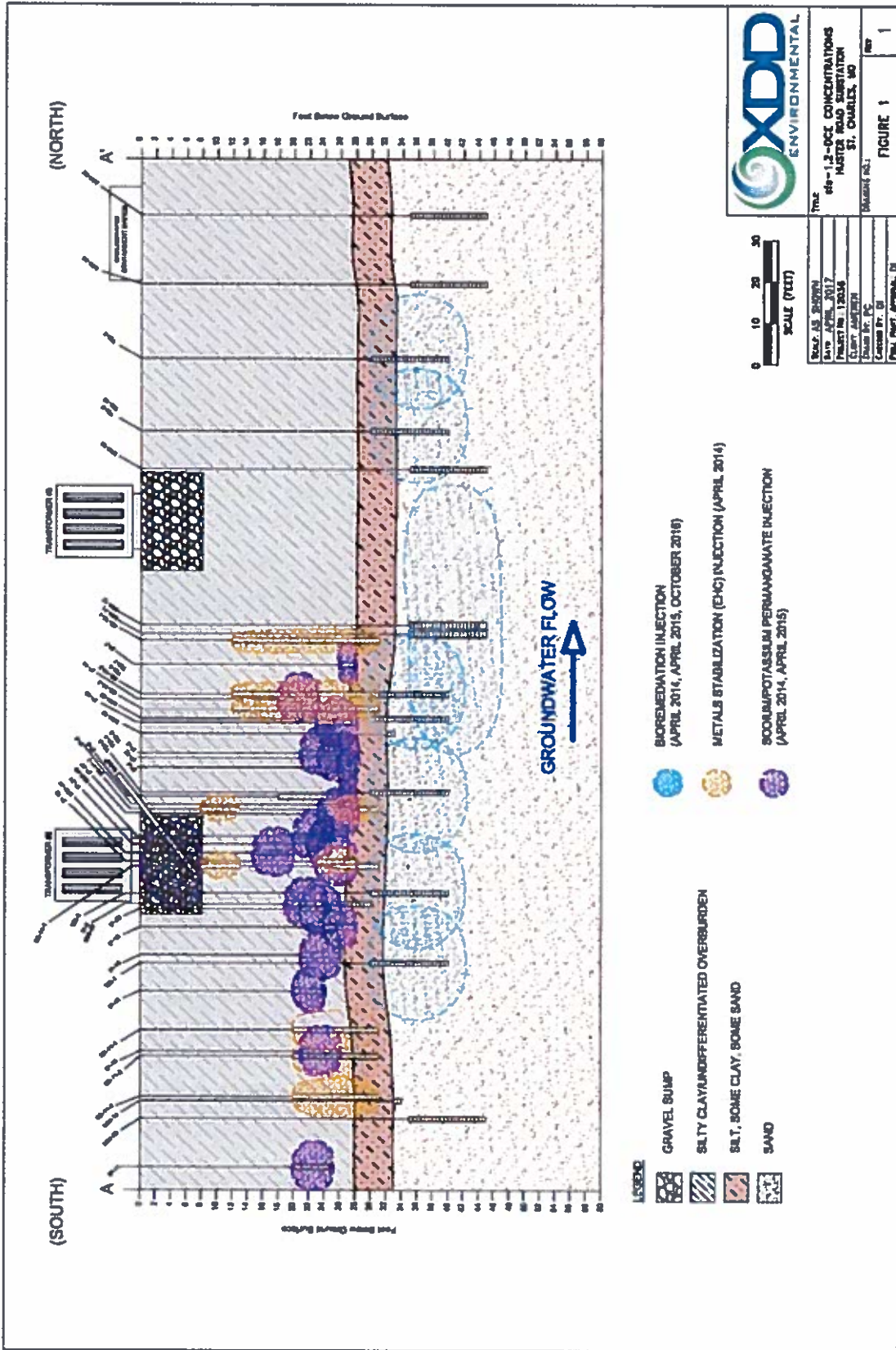


SCALE: 1" = 50'
DATE: SEPTEMBER 2016
PROJECT No.: 12036
CLIENT: AMEREN
DRAWN BY: PC
CHECKED BY: DI
APPROVED BY:

TITLE: PHASE 3 - EXPANDED PILOT TEST INJECTION LOCATIONS HUSTER RD. SUBSTATION ST. CHARLES, MO

DRAWING NO. REV. FIGURE 1

Figure 14 Cross Section of In-Situ Pilot Studies #1-3 On-Site Injections areas



5.5 Pilot Study #4 - On-site Bio-Augmentation and Injection of Sodium Permanganate

Based upon the results from prior studies, in August 2018 Ameren performed a fourth pilot study to address concentrations of COCs in the groundwater surrounding MW-8, MW-9, MW-13, and MW-14, as well as the residual COC concentrations in the soil surrounding such wells and transformer No. 2.

Bio-augmentation was injected into MW-8 and MW-13 (the area of continued elevated levels of COCs) to enhance the breakdown of COCs and to feed the existing biomass at MW-11 and MW-12. Additional bio-augmentation was also injected in MW-9 and MW-14, as well as IP-42, 45, & 46, as the previous quarters showed increasing COC concentrations, which may be the result from leaching to groundwater from the soil.

Soil samples were taken prior to the injection of sodium permanganate into the soils and reflected concentrations greatly reduced from 2012 levels (see Appendix E). The highest concentrations of COCs found were 3,860 ppb for cis-1,2-DCE (IP-36-20.5' – 829 gallons @92g/L permanganate); 1,170 for VC (IP-27-26' – 190 gallons @92g/L permanganate); 94 J for PCE (IP-37-28' – 1,408 gallons @92/L permanganate); and 28 J for TCE (IP-37-28'). These higher concentration areas were targeted during Pilot Study #4 for additional injections of sodium permanganate (amounts indicated in parenthesis above) to further degrade the identified COCs, however the amount injected is only what the soil would receive before daylighting. (See Figure 15)

In the two months following the injections, the groundwater results reflect the following reductions:

Table 4: Decreases in COCs from June 2018 to October 2018 after Pilot Study #4

Monitoring Well	June 2018		October 2018		% increase (I) or decrease (D)	
	cis-1,2-DCE	VC	cis-1,2-DCE	VC	cis-1,2-DCE	VC
MW-11	1.6 J	<2.0	1.1 J	1.0 J	No change	No change
MW-12	1.0 J	0.5 J	0.8 J	0.4 J	No change	No change
MW-9	1.2 J	0.2 J	3.8 (below MCL)	<2.0	No significant change	No change
MW-14	1,340	878	3.3 (below MCL)	18.1	100% D	98% D
MW-8	9,680	2,980	No sample	No sample	Probably 100% D ¹	Probably 100% D ¹
MW-13	32,400	1,970	12,800	7,070	60% D	259% I ²

¹ No changes are observed at MW-8 where water samples turned purple indicating the presence of the sodium permanganate product. This however, means the COCs concentrations at this well location no longer exist as sodium permanganate instantly degrades the COCs on contact.

² The increase of VC (259%) reflects the normal breakdown process from cis-1,2-DCE to VC. VC actually declined from 10,200 ppb to 7070 ppb (31% decrease) from September to October 2018 – see analytical Excel MW database in Appendix E.

Figure 15- 2018 Pilot Study #4 - 92g/L Sodium Permanganate Solution Injection locations and soil analytical results

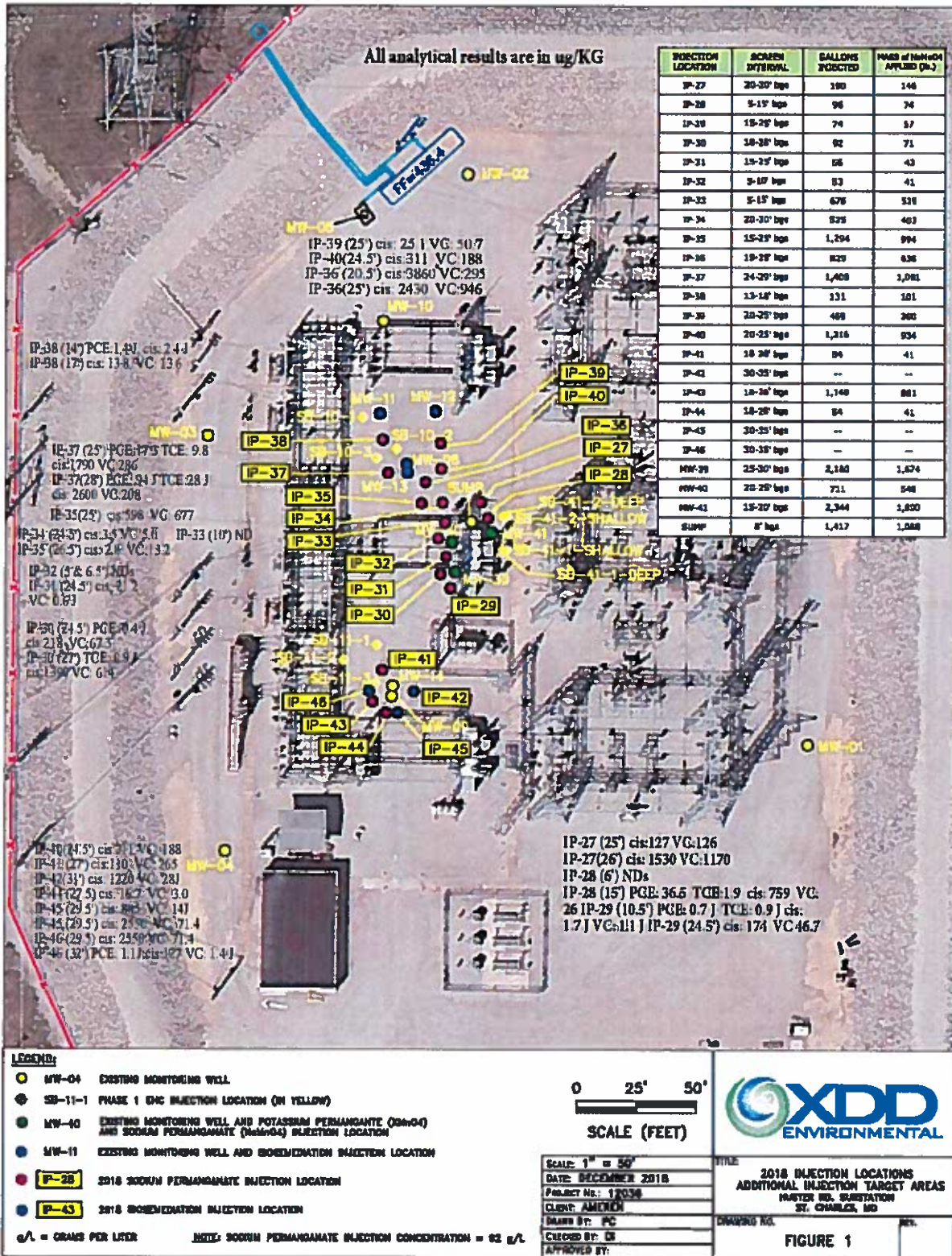


Figure 15 modified by Ameren

6. CONTAMINANT FATE AND TRANSPORT

6.1 Potential Routes of Migration

Vapor intrusion is an incomplete pathway for current land use conditions. There are no occupied structures at the Substation, and it is not anticipated that occupied structures will be built at the Substation in the future. There are currently no structures in close proximity to groundwater where VOCs have been detected. The nearest occupiable building to the downgradient edge of the plume (PZ-2) is approximately 300 feet away. Therefore, the vapor intrusion exposure pathway is incomplete under current use conditions.

Migration of contaminants via groundwater from the site is not occurring because of (a) the continuous operation of the GCS and (b) the in-situ injection of biomass near the highest areas of contamination effectively intercepting and treating contamination prior to potential migration off-site. The performance of the GCS is monitored monthly via the NPDES permit compliance sampling (the October 2018 sampling showed no COCs in the influent samples) and the weekly maintenance of the system.

6.2 Contaminant Persistence

The Site COCs are able to be treated by either oxidation, reductive de-chlorination, or bio-degradation as shown by the pilot studies performed both on-site and off-site as reflected in the Excel databases for PZs and MWs found in Appendices D & E respectively.

6.3 Contaminant Migration

There is no foreseeable potential for ingestion of contaminants from the St. Charles Well Field water supply. The sampling of the City Wells reflects no detections of COCs since 2/18/2016 and those detections were J values (below reporting limit estimations) of cis-1,2-DCE at 1.4J ug/kg at City Well no. 6. Ameren has sampled City Wells 5 and 6 since approximately September 2014 and all such data (minimum of 28 samples) are below the MCLs for cis-1,4-DCE and Vinyl Chloride. Additionally, the actively pumped wells are all blended into one tank within the St. Charles Water Treatment Plant, with most of the contribution coming from City Wells #9 and #10, which were not in the off-site potential area of impact. Due to the volume of water from these two wells, there is no foreseeable potential for a detectable amount of any COC to enter the distribution water lines. In addition, St. Charles Water Treatment Plant includes aeration, lime, sodium hypochlorite, and sodium hexametaphosphate treatments. The COCs are very volatile and would easily be removed from the water during the aeration process at the plant should below MCL contaminant levels enter a City Well. These common water treatment methods are capable of removing residual VOCs from the water source prior to distribution, including those that may have originated from the Site.

7.0 BASELINE RISK ASSESSMENT

A baseline human health risk assessment (HHRA) was performed by Haley & Aldrich and is provided in Appendix F. This section provides a summary of the HHRA, which was prepared following the four-step paradigm provided in USEPA's Risk Assessment Guidance for Superfund (RAGS) document series (USEPA, 1989; 2004; 2009):

Hazard Identification – summarize Site data and select constituents of potential concern (COPCs).

Exposure Assessment – provide a quantitative estimate of potential receptor exposure to COPCs.

Toxicity Assessment – evaluate the relationship between the magnitude of exposure and the potential for occurrence of carcinogenic and noncarcinogenic health effects.

Risk Characterization – calculate estimates of potential carcinogenic and noncarcinogenic risks resulting from both current and reasonably foreseeable future human exposures to COPCs.

The results of the risk characterization are used to identify potential risks above the target risk range of 1×10^{-6} to 1×10^{-4} for carcinogens, and above a target Hazard Index (HI) of 1 for noncarcinogens (that act on the same target organ), as defined in the National Contingency Plan (NCP, USEPA, 1990) and USEPA guidance (USEPA, 1991).

7.1 HAZARD IDENTIFICATION

Soil and groundwater data were collected at the substation (defined as the land within levee for the Huster Electrical Power Substation) and soil and groundwater data were collected north of the substation (land north of the levee, up to and including the location of five piezometers installed north of Route 370).

Soil samples were collected under pre-remedial conditions in 2012 and 2013, and under post-remedial conditions in 2016 as follows:

- **2012:** 354 soil samples, including 35 field duplicates, were collected at 62 locations (SB-01 through SB-20, SB-20A through SB-41, and SS-01 through SS-20).
- **2013:** 30 soil samples, including 2 field duplicates, were collected at 3 locations (SB-42, SB-43, and SB-44).
- **2018:** 10 post-remedial soil samples were collected at 6 locations (IP-28, -29, -32, -33, -36, -38). Samples were collected between 2-10 ft bgs and 10-23 ft bgs.

The analytical data representative of both pre-remedial conditions (2012 and 2013 data) and post-remedial conditions (2018 data) were used in the HHRA. The pre-remedial data provide a conservative assessment of potential exposure conditions, recognizing that VOC concentrations in soil data from 2018 are currently lower than those represented by the 2012 and 2013 investigation data. 2018 post-remedial analytical data were used in the HHRA to provide a current assessment of potential exposure conditions.

Soil samples were analyzed for VOCs by EPA Method 8260B, PCBs by EPA Method 8082, and/or total organic carbon. Soil samples were collected from ground surface to up to 96 feet below ground surface. The analytical data are found in the HHRA's Appendix A:

The analytical data for soil were summarized separately as follows in the HHRA:

- **Table 2:** Pre-Remedial Substation soil 0 to 2 ft bgs
- **Table 3:** Pre-Remedial Substation subsurface soil 2 to 10 ft bgs
- **Table 4:** Pre-Remedial Substation subsurface soil 10 to 23 ft bgs
- **Table 5:** Pre-Remedial North of levee surface soil 0 to 2 ft bgs
- **Table 6:** Pre-Remedial North of levee subsurface soil 2 to 10 ft bgs
- **Table 7:** Pre-Remedial North of levee subsurface soil 10 to 23 ft bgs
- **Table 8:** Post-Remedial Substation subsurface soil 2 to 10 ft bgs
- **Table 9:** Post-Remedial Substation subsurface soil 10 to 23 ft bgs

Groundwater samples were collected during investigations conducted in 2012 through 2018 at up to 29 locations, and were analyzed for VOCs by EPA Method 8260. Groundwater data were selected for use in the HHRA as wells that represent the core of the substation groundwater plume (USEPA, 2014a). Samples collected between January 2017 and October 2018 (the most recent groundwater monitoring round) were selected for use in the HHRA, as they represent post-remedial conditions.

7.2 Screening of Data to Select Chemicals of Potential Concern

Soil: Screening of soil data to select chemicals of potential concern (COPCs) was conducted using the USEPA Regional Screening Levels for soil (RSLs, June 2017). Substation soil was screened using industrial RSLs, since only exposures by industrial or construction workers may potentially occur. Surface soil from locations north of the levee was screened using residential RSLs as a conservative approach. If the maximum detected concentration of an analyte in soil was above the applicable RSL, or if no screening level exists, the analyte was selected as a COPC.

Groundwater: As explained in the Exposure Assessment below, there are no complete pathways to groundwater *at the substation*; therefore, substation groundwater data were not evaluated in the HHRA. Groundwater *north of the substation levee* is a potential source of public drinking water supply with the City of St. Charles Well No. 5 located approximately 180-200 feet north of the substation, as shown on Figure 4. Installation of private water supply wells within the area north of the substation is prohibited by local ordinance. Screening of groundwater data to select COPCs was conducted using drinking water standards (Maximum Contaminant Levels; MCLs) (USEPA, 2012). If the maximum detected concentration of an analyte groundwater was above the MCL, or if no screening level exists, the analyte was selected as a COPC.

7.2.1 Summary of Chemicals of Potential Concern

COPCs that were selected at the Site are summarized below.

COPCs	Pre-Remedial Soil		Post-Remedial Soil	Groundwater	
	Substation - Commercial/Industrial		Substation - Residential	Substation	North of Levee
	2-10 ft	10-23 ft	10-23 ft		
1,1-Dichloroethene				X	
cis-1,2-Dichloroethene				X	X
Tetrachloroethene		X		X	
trans-1,2-Dichloroethene				X	
Trichloroethene	X	X		X	X
Vinyl chloride			X	X	X

Tetrachloroethylene and trichloroethylene were retained as COPCs in substation soil because maximum detected concentrations were above screening levels. Cymene was retained as a COPC because there was no screening level for comparison to the soil data.

No COPCs were identified for surface soil, subsurface soil, or groundwater north of the levee because maximum detected concentrations of constituents in those media were below screening levels, indicating that exposure pathways are not complete for those media. No COPCs were selected for groundwater beneath the substation because there are no potentially complete exposure pathways to that groundwater.

7.3 EXPOSURE ASSESSMENT

The Site is an active electrical power substation. Due to safety concerns, access to the substation is only granted to authorized personnel (Ameren employees or their subcontractors). Access by unauthorized persons does not occur due to fencing and locking gates. Ground within the substation is covered with crushed stone. The use of the land where the substation is located, including the entirety of Ameren property, is not expected to change in the future. Therefore, potential receptors at the substation under current and future conditions include:

- Industrial workers (workers who maintain the substation: current or future use)
- Construction workers (workers who may perform upgrades or modifications to the substation that involve subsurface excavation: future use)

The surrounding land use is commercial, recreational, residential, and agricultural. However, the area north of the levee is presently open space. Hypothetically, the portion of that land that is not owned by Ameren could be developed for recreational, commercial, or residential uses. Installation of private water supply wells in the area north of the levee is prohibited by local ordinance.

The linkage between a receiving medium (i.e., a medium where COPCs were identified) and potential exposure to that medium is called an exposure pathway. For an exposure pathway to be complete, the following conditions must exist (as defined by USEPA (1989)):

1. A source and mechanism of chemical release to the environment;
2. An environmental transport medium (e.g., air, water, soil);
3. A point of potential contact with the receiving medium by a receptor; and
4. A receptor exposure route at the contact point (e.g., inhalation, ingestion, dermal contact).

If any of these four components are not present, the pathway is not complete.

7.3.1 Soil Exposure Pathways

Although COPCs have been identified for pre-remedial substation soil (2-10 ft bgs and 10-23 ft bgs), there are no complete exposure pathways to soil greater than 10 ft bgs, and no COPCs were identified in post-remedial substation soil (2-10 ft bgs and 10-23 ft bgs) using industrial soil RSLs. This indicates that, based on the post-remedial (current) conditions, residual VOC concentrations in Site soils are below concentrations that would pose a de minimis risk for continued industrial use of the Site.

No COPCs were identified in post-remedial substation soil (2-10 ft bgs) using residential RSLs. Vinyl chloride was identified as a COPC in post-remedial substation soil (10-23 ft bgs) due to one exceedance of the residential RSLs at a depth of 20.5 ft bgs. However, there are no complete exposure pathways to soil greater than 10 ft bgs.

No COPCs were identified in pre-remedial north of levee soil (0-2 ft bgs, 2-10 ft bgs, or 10-23 ft bgs).

Based on the results of the COPC selection, no quantitative evaluation of risks for potential exposures to substation soil or north of levee soil is required.

7.3.2 Groundwater and Vapor Intrusion Exposure Pathways

COPCs have been identified for substation and north of levee groundwater. However, there are no current complete exposure pathways associated with potable use of groundwater. Specifically:

- Substation groundwater is not used as a source of potable water and will not be used for potable use in the future.
- Substation groundwater is not a potential source of VOCs to municipal water because the on-going groundwater containment system controls potential migration of VOCs to the north of the substation.
- No VOCs have been detected in a City of St. Charles municipal well since February 2016.
- Although COPCs were identified in groundwater north of the levee based on detected concentrations above tapwater RSLs, VOCs in groundwater north of the substation are all below the MCLs, indicating that groundwater is not a potential source to the City of St. Charles Well No. 5. Furthermore, the zero-valent iron permeable barrier controls further potential migration of VOCs north of City Well No. 5.
- Even if VOCs were detected in groundwater north of the levee at concentrations above the MCL, and groundwater entered the municipal well at concentrations above the MCL, the water from multiple city wells is blended before being distributed. The blending, as well as various drinking water treatment processes, would significantly reduce or eliminate VOCs in municipal drinking water.

Realistically, there are no complete exposure pathways to groundwater under future conditions because institutional controls will continue until groundwater COPC concentrations have achieved MCLs. However, in accordance with USEPA guidance for baseline risk assessments (USEPA, 1989), the HHRA incorporates the assumption that groundwater within the VOC plume could be used as source of drinking water in the future. Therefore, the substation groundwater data set evaluated in the HHRA represents data from the core of the groundwater plume and is used as a conservative estimate of potential future exposure. There are three exposure routes by which humans can be exposed to COPCs in groundwater: ingestion, dermal contact, and inhalation of volatiles that may be released from groundwater to indoor air during household uses of the water. Potentially complete exposure pathways for future receptors at the Site are presented below:

Receptor Type	Exposure Point	Exposure Pathway
Future Resident	Core of plume (within Substation)	- Ingestion as drinking water - Dermal Contact - Inhalation of volatiles

Vapor intrusion is an incomplete pathway for current land use conditions. There are no occupied structures at the Substation, and it is not anticipated that occupied structures will be built at the Substation in the future. There are currently no structures in close proximity to groundwater where VOCs have been detected. The nearest building that can be occupied to the downgradient edge of the plume (PZ-2) is approximately 300 feet away. Therefore, the vapor intrusion exposure pathway is incomplete under current use conditions.

To evaluate the potential for vapor intrusion to be a complete pathway if occupied buildings are constructed in the future, the maximum concentrations of VOCs that were detected in substation groundwater were compared to USEPA residential vapor intrusion screening levels (VISLs), as shown on Tables 12 and 13. Vinyl chloride was detected at a concentration in Substation groundwater above the VISL, indicating that the vapor intrusion pathway could potentially be complete if buildings were constructed over the core of the plume in the future. No VOCs were detected in groundwater north of the levee at concentrations above VISLs, indicating that the vapor intrusion pathway would not complete if occupied buildings were constructed over that portion of the plume.

Direct contact with groundwater is an incomplete exposure pathway for all receptors. Of the receptors identified at the Site, only construction workers are anticipated to do subsurface work (i.e., deeper than 3 ft bgs). However, it is anticipated that future construction would not likely extend deeper than 10 feet below ground surface. Groundwater depths measured during site investigation activities range from 12 ft bgs to 23 ft bgs. Consequently, groundwater is not expected to be encountered during construction activities.

7.4 TOXICITY ASSESSMENT

A Toxicity Assessment was conducted and is provided in Attachment E (of the HHRA). A summary of the toxicity assessment is provided below. The toxicity values are presented in Tables 16 through 19 (of the HHRA).

- **Chronic Non-Carcinogenic Health Effects:** USEPA has established chronic non-carcinogenic health criteria termed reference doses (RfDs) for oral and dermal exposure routes, and reference concentrations (RfCs) for the inhalation exposure route. The derivation of RfDs and RfCs is described in Attachment E. The RfD and RfC are each a daily intake level for the human population, including sensitive subpopulations, that are not expected to cause adverse health effects over a lifetime of exposure (USEPA, 1989). It should be noted that RfDs and RfCs are generally very conservative (i.e., health protective) due to the use of large uncertainty factors. Chronic RfDs and RfCs were used to quantify non-carcinogenic risks for the future resident scenario evaluated in this HHRA, consistent with USEPA guidance (USEPA, 1989).
- **Carcinogenic Health Effects:** USEPA has established cancer toxicity values termed cancer slope factors (CSFs) for oral and dermal exposure routes, and unit risks (URs) for the inhalation exposure route. A discussion of the modeling that has been conducted to describe the expected quantitative relationship between dose of a carcinogen and associated risk of developing cancer is provided in Attachment E (of the HHRA).

USEPA uses both an alpha-numeric system and a weight-of-evidence-based descriptive narrative to describe the carcinogenic potential of an agent. Descriptors are provided in Attachment E (in the

HHRA). The carcinogenic potential for COPCs identified in environmental media at the Site is provided below:

- 1,1-Dichloroethene, 1,2-Dichloroethene (cis), and 1,2-Dichloroethene (trans) have inadequate evidence to determine carcinogenic potential.
 - Trichloroethylene is classified as ‘Carcinogenic in Humans’ by the oral/dermal and inhalation exposure routes. Trichloroethylene is also classified as a mutagen under current USEPA cancer guidelines (USEPA, 2018d). Age-dependent adjustment factors are used to account for mutagenicity and are applied to evaluate child exposure receptors (USEPA, 2018d).
 - Tetrachloroethylene is classified as ‘Likely to be Carcinogenic in Humans’ by the oral/dermal and inhalation exposure routes.
 - Vinyl chloride is classified as ‘Known human carcinogen’ by the oral/dermal and inhalation exposure routes. Vinyl chloride is also classified as a mutagen under current USEPA cancer guidelines (USEPA, 2018e). Age-dependent adjustment factors are used to account for mutagenicity and are applied to evaluate child exposure receptors (USEPA, 2018e).
- **Toxicity Values for Dermal Exposure:** Route-specific toxicity values are not available for the dermal pathway and are, therefore, extrapolated from the oral toxicity values following USEPA guidance (USEPA, 2004), as described further in Attachment E of the HHRA.
 - **Sources of Dose-Response Values:** The sources used to identify dose-response values for this HHRA are consistent with USEPA guidance and are provided in Attachment E of the HHRA.

7.5 RISK CHARACTERIZATION

Potential future resident (adult and child) exposure to substation groundwater is associated with an ELCR of 2E-01. The cancer risks are above the NCP risk range of 10^{-6} to 10^{-4} . The cumulative HI is 964, which is above the target HI of 1. COPCs in substation groundwater have RfD and RfC values that are based on effects to different target organs, as shown in Tables 18 and 19 (of the HHRA). The HI’s for substation groundwater based on target organ are also above 1 (Table 20 in the HHRA). As shown in Table 12 (of the HHRA), maximum detected COPC concentrations within the core of the plume are between one and four orders of magnitude higher than VISLs. This indicates that if construction of an occupied building was to occur over the core of the groundwater plume, vapor intrusion exposures could be associated with risks above the NCP acceptable risk levels, and that further assessment of the vapor intrusion pathway would be required.

8.0 CONCLUSIONS

The pilot studies have been effective in significantly reducing the concentrations of COCs off-site and on-site to the level where further remediation would not be required. The GCS has been and is effective in maintaining all remaining COCs in the groundwater on-site. The bio-augmentation is effectively reducing the concentrations of COCs in the groundwater and providing a biomass that is effectively keeping higher concentrations on-site while it continues to degrade the COCs. The sodium permanganate injections in the clays, are effectively reducing and/or eliminating the COCs in the soil to the point that leaching to groundwater potential is minimal.

The results of the HHRA support the following conclusions:

- Post-remedial soil concentrations are below USEPA RSLs for receptors that would reasonably be expected to access an active electrical power substation (industrial workers and construction workers). Furthermore, post-remedial soil concentrations are below residential RSLs. No further remediation of soil is necessary to mitigate health risks associated with potential exposures to substation soil.
- No analytes were retained as COPCs in soil north of the levee, indicating that there are no complete exposure pathways to that soil. Therefore, soil north of the levee does not pose health risks above USEPA risk management ranges. No further remediation of soil is necessary to mitigate health risks associated with potential exposures to soil north of the levee.
- There are no complete exposure pathways to groundwater north of the levee and, therefore, groundwater north of the substation does not pose health risks in excess of USEPA risk management criteria. VOCs were not detected in groundwater north of the levee at concentrations above drinking water standards (MCLs), indicating that the remedial actions at the Site have reduced VOC concentrations in groundwater north of the levee to potable use targets. Based on the data evaluated in the HHRA, no further remediation of that groundwater is required to ensure that groundwater north of the levee meets drinking water standards and is not a potential source of VOCs to the municipal water supply.
- VOCs are not present in groundwater north of the levee at concentrations that exceed vapor intrusion screening levels, and the shortest distance between the leading edge of the plume (PZ-2) and the nearest existing occupied building is approximately 300 feet (building located to the north of 370). Therefore, the vapor intrusion pathway is not currently complete. VOCs were detected in substation groundwater at concentrations above vapor intrusion screening levels, indicating that the vapor intrusion pathway could be potentially complete if occupied buildings were constructed in that area the future.
- Although groundwater at the substation poses health risks above USEPA risk management ranges for a future residential scenario, there are no current complete exposure pathways to groundwater beneath the substation and, therefore, substation groundwater does not pose health risks in excess of USEPA risk management criteria under current use conditions. Risks above USEPA risk management criteria for future use conditions indicate that institutional controls must continue to be used until residual VOC concentrations have been reduced to meet drinking water standards.

ATTACHMENT H

Soil Data Table

Huster Soil Data

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
1985	B-1		B-1 (5-10)	1,1-Dichloroethene			11.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1985	B-1		B-1 (10-15)	1,1-Dichloroethene			13.00			M	ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1985	B-1		B-1 (5-10)	Trichloroethene			8.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1985	B-1		B-1 (10-15)	Vinyl Chloride			4.20			M	ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1988	UA-12		UA-12 (10)	1,1-Dichloroethene			1500.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1988	UA-11		UA-11 (10)	Vinyl Chloride			10.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1988	UA-11		UA-11 (20)	Vinyl Chloride			130.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
1988	UA-12		UA-12 (10)	Vinyl Chloride			2700.00				ug/Kg			Soil			Figure 2-6 Soil Contaminant Summary - Organics & PCB's on Cadmus Property	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	Acetone			12.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	cis-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	14-15	SB-01 (14-15 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	Acetone		<	59.30		59.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	Toluene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	3-4	SB-01 (3-4 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-01	7-8	SB-01 (7-8 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	4-5	SB-02 (4-5 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	1,1-Dichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	Acetone			30.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	cis-1,2-Dichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	Tetrachloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	Toluene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	trans-1,2-Dichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	Trichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-02	7-8	SB-02 (7-8 ft)	Vinyl chloride		<	2.60		2.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	Acetone		<	48.40		48.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	13-14	SB-03 (13-14 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	Acetone		<	43.80		43.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	cis-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	Toluene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	4-5	SB-03 (4-5 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	Acetone			27.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	cis-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-03	8-9	SB-03 (8-9 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	cis-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	Toluene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	14-15	SB-04 (14-15 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	1,1-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	cis-1,2-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	Tetrachloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	Toluene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	trans-1,2-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	Trichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	4-5	SB-04 (4-5 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	cis-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	Toluene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-04	5-6	SB-04 (5-6 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	Acetone		<	49.70		49.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	Toluene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	14-15	SB-05 (14-15 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	Acetone		<	53.20		53.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	4-5	SB-05 (4-5 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	Acetone		<	58.60		58.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-05	9-10	SB-05 (9-10 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	Acetone		<	51.70		51.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	cis-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	Toluene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	14-15	SB-06 (14-15 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	4-5	SB-06 (4-5 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	Acetone		<	54.20		54.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-06	9-10	SB-06 (9-10 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	1,1-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	Acetone			36.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	cis-1,2-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	Tetrachloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	Toluene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	trans-1,2-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	Trichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	14-15	SB-07 (14-15 ft)	Vinyl chloride		<	2.80		2.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	1,1-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	Acetone			61.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	cis-1,2-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	Tetrachloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	Toluene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	trans-1,2-Dichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	Trichloroethene		<	6.50		6.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	4-5	SB-07 (4-5 ft)	Vinyl chloride		<	2.60		2.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	Acetone		<	60.70		60.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	cis-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	Toluene			5.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-07	9-10	SB-07 (9-10 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	1,1-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	Acetone		<	62.20		62.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	cis-1,2-Dichloroethene		<	35.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	Tetrachloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	trans-1,2-Dichloroethene			3.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	Trichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/23/12	SB-08	14-15	SB-08 (14-15 ft)	Vinyl chloride			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	1,1-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	Acetone			46.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	cis-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	Tetrachloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	Toluene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	trans-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	Trichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	Acetone			38.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	4-5	SB-08 (4-5 ft) Dup	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	1,1-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	Acetone			38.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	cis-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	Tetrachloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	trans-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	Trichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-08	8-9	SB-08 (8-9 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	Acetone		<	56.50		56.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	cis-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	Toluene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	14-15	SB-09 (14-15 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	1,1-Dichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	Acetone		<	69.70		69.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	cis-1,2-Dichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	Tetrachloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	Toluene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	trans-1,2-Dichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	Trichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft)	Vinyl chloride		<	2.80		2.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft) Dup	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/23/12	SB-09	4-5	SB-09 (4-5 ft) Dup	Acetone		<	58.20		58.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/23/12	SS-07	0-3	SS-070-3 ft Dup	Tetrachloroethene			30.20				ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/23/12	SS-07	0-3	SS-070-3 ft Dup	Toluene			3.90				ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/23/12	SS-07	0-3	SS-070-3 ft Dup	trans-1,2-Dichloroethene		<	3.90		3.90		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/23/12	SS-07	0-3	SS-070-3 ft Dup	Trichloroethene		<	3.90		3.90		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/23/12	SS-07	0-3	SS-070-3 ft Dup	Vinyl chloride		<	1.60		1.60		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	1,1-Dichloroethene			4.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	Acetone		<	52.70		52.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	cis-1,2-Dichloroethene			1080.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	Toluene			2.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	trans-1,2-Dichloroethene			16.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	Trichloroethene			3.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	14-15	SB-10 (14-15 ft)	Vinyl chloride			46.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	Acetone			77.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	Toluene			3.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	4-5	SB-10 (4-5 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	cis-1,2-Dichloroethene			17.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	Toluene			5.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	trans-1,2-Dichloroethene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-10	9-10	SB-10 (9-10 ft)	Vinyl chloride			7.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	1,1-Dichloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	Acetone		<	54.80		54.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	cis-1,2-Dichloroethene			461.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	Tetrachloroethene			66.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	Toluene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	trans-1,2-Dichloroethene			6.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	Trichloroethene			39.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	14-15	SB-11 (14-15 ft)	Vinyl chloride			5.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	Acetone			41.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	cis-1,2-Dichloroethene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	4-5	SB-11 (4-5 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	Acetone			28.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	cis-1,2-Dichloroethene			95.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	trans-1,2-Dichloroethene			5.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-11	8-9	SB-11 (8-9 ft)	Vinyl chloride			22.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	Acetone		<	48.90		48.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	cis-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	Toluene			5.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	14-15	SB-12 (14-15 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	Acetone			50.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	cis-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	Toluene			5.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	4-5	SB-12 (4-5 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	Acetone			11.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	Toluene			11.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-12	9-10	SB-12 (9-10 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	Acetone		<	58.30		58.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	Toluene			3.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	14-15	SB-13 (14-15 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	1,1-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	Acetone			51.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	cis-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	Tetrachloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	trans-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	Trichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	4-5	SB-13 (4-5 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	Acetone		<	53.70		53.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-13	9-10	SB-13 (9-10 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	Acetone		<	48.20		48.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	cis-1,2-Dichloroethene			8.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	Toluene			10.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	Trichloroethene			3.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	14-15	SB-14 (14-15 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	cis-1,2-Dichloroethene			82.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	trans-1,2-Dichloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	4-5	SB-14 (4-5 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	1,1-Dichloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	Acetone		<	55.10		55.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	cis-1,2-Dichloroethene			110.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	Tetrachloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	Toluene			3.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	trans-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	Trichloroethene			2.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-14	8-9	SB-14 (8-9 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	Acetone		<	53.90		53.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	Toluene			10.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/24/12	SB-15	14-15	SB-15 (14-15 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	Acetone			21.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	cis-1,2-Dichloroethene			5.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	Toluene			6.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	4-5	SB-15 (4-5 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	Acetone		<	53.10		53.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-15	9-10	SB-15 (9-10 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	Acetone		<	49.00		49.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	cis-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	Toluene			3.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 DUP (14-15 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	1,1-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	Acetone		<	50.70		50.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	cis-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	Tetrachloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	Toluene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	trans-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	Trichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	14-15	SB-16 (14-15 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	Acetone			32.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	Acetone			30.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	cis-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	4-5	SB-16 (4-5 ft) DUP	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	Acetone		<	50.10		50.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-16	8-9	SB-16 (8-9 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	cis-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	Toluene			2.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	14-15	SB-17 (14-15 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	Acetone		<	54.10		54.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	4-5	SB-17 (4-5 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	Acetone		<	52.10		52.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	cis-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	Toluene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-17	8-9	SB-17 (8-9 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	Acetone		<	45.60		45.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	14-15	SB-18 (14-15 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	1,1-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	Acetone		<	56.60		56.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	cis-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	Tetrachloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	Toluene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	trans-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	Trichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	4-5	SB-18 (4-5 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	1,1-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	Acetone		<	56.80		56.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	cis-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	Tetrachloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	trans-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	Trichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-18	9-10	SB-18 (9-10 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	cis-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	Toluene			5.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	14-15	SB-19 (14-15 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	Acetone			57.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	cis-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	Toluene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	4-5	SB-19 (4-5 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SB-19	9-10	SB-19 (9-10 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/24/12	SS-08	0-3	SS-08(0-3 ft)	1,1-Dichloroethene		<	4.20		4.20		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/25/12	SB-20/20A	14-15	SB-20 (14-15 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	Acetone		<	53.10		53.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	6-7	SB-20 (6-7 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	Acetone		<	58.90		58.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-20/20A	1-2	SB-20A (1-2 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	Acetone		<	53.40		53.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	1-2	SB-21 (1-2 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	Acetone		<	47.90		47.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	14-15	SB-21 (14-15 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	1,1-Dichloroethene		<	7.31		7.31		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	cis-1,2-Dichloroethene		<	7.31		7.31		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	Tetrachloroethene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	Toluene		<	7.31		7.31		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	trans-1,2-Dichloroethene		<	7.31		7.31		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	Trichloroethene		<	7.31		7.31		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-21	7-8	SB-21 (7-8 ft)	Vinyl chloride		<	2.92		2.92		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	Acetone		<	53.80		53.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	14-15	SB-22 (14-15 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	Acetone		<	57.80		57.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	4-5	SB-22 (4-5 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	1,1-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	Acetone		<	55.40		55.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	cis-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	Tetrachloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	Toluene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	trans-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	Trichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-22	8-9	SB-22 (8-9 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	Acetone		<	45.80		45.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	Toluene			0.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	13-14	SB-23 (13-14 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	Acetone		<	52.50		52.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	4-5	SB-23 (4-5 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	Acetone		<	54.30		54.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SB-23	9-10	SB-23 (9-10 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	1,1-Dichloroethene		<	5.70		5.70		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	Acetone		<	19.00			J	ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	cis-1,2-Dichloroethene		<	5.70		5.70		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	Tetrachloroethene		<	5.70		5.70		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	Toluene		<	1.40			J	ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	trans-1,2-Dichloroethene		<	5.70		5.70		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	Trichloroethene		<	5.70		5.70		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
04/25/12	SS-20	0-3	SS-20(0-3 ft)	Vinyl chloride		<	2.30		2.30		ug/kg			Soil			Table 3-2 SS samples all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	1,1-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	Acetone		<	18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	cis-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	Tetrachloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	Toluene		<	1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	trans-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	Trichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 dup (33-34 ft)	Vinyl chloride		<	1.60		1.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	Acetone		<	24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	cis-1,2-Dichloroethene		<	17.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	Toluene		<	2.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	Trichloroethene		<	2.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	17-18	SB-14 (17-18 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	1,1-Dichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	Acetone		<	55.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	cis-1,2-Dichloroethene		<	11.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	Tetrachloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	Toluene		<	1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	trans-1,2-Dichloroethene		<	6.60		6.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	Trichloroethene		<	3.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	21-22	SB-14 (21-22 ft)	Vinyl chloride		<	2.60		2.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	1,1-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	Acetone		<	53.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	cis-1,2-Dichloroethene		<	1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	Tetrachloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	Toluene		<	2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	trans-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	Trichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	25-26	SB-14 (25-26 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	Acetone		<	43.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

Attachment H - Soil Data

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	29-30	SB-14 (29-30 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	1,1-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	cis-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	Tetrachloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	trans-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	Trichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	33-34	SB-14 (33-34 ft)	Vinyl chloride		<	1.60		1.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	1,1-Dichloroethene		<	3.80		3.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	Acetone			28.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	cis-1,2-Dichloroethene		<	3.80		3.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	Tetrachloroethene		<	3.80		3.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	trans-1,2-Dichloroethene		<	3.80		3.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	Trichloroethene		<	3.80		3.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	37-38	SB-14 (37-38 ft)	Vinyl chloride		<	1.50		1.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	Toluene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	41-42	SB-14 (41-42 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	Acetone			15.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	cis-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	Toluene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	45-46	SB-14 (45-46 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	cis-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	Toluene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/05/12	SB-14	49-50	SB-14 (49-50 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	1,1-Dichloroethene			34.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	Acetone			49.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	cis-1,2-Dichloroethene			8840.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	Tetrachloroethene			15600.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	Toluene			4.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	trans-1,2-Dichloroethene			71.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	Trichloroethene			3470.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 dup (25-26 ft)	Vinyl chloride			209.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	1,1-Dichloroethene			9.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	Acetone			19.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	cis-1,2-Dichloroethene			2910.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	Tetrachloroethene			1020.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	Toluene			2.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	trans-1,2-Dichloroethene			20.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	Trichloroethene			860.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	17-18	SB-10 (17-18 ft)	Vinyl chloride			169.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	1,1-Dichloroethene			35.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	Acetone			27.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	cis-1,2-Dichloroethene			8850.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	Tetrachloroethene			14600.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	Toluene			4.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	trans-1,2-Dichloroethene			78.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	Trichloroethene			3130.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	25-26	SB-10 (25-26 ft)	Vinyl chloride			120.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	1,1-Dichloroethene			5.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	cis-1,2-Dichloroethene			15800.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	Tetrachloroethene			18.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	Toluene			4.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	trans-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	Trichloroethene			7.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	29-30	SB-10 (29-30 ft)	Vinyl chloride			10.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	1,1-Dichloroethene			3.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	Acetone			30.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	cis-1,2-Dichloroethene			1090.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	Tetrachloroethene			80.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	Toluene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	trans-1,2-Dichloroethene			3.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	Trichloroethene			6.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	33-34	SB-10 (33-34 ft)	Vinyl chloride			50.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	1,1-Dichloroethene		<	3.90		3.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	cis-1,2-Dichloroethene			8.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	Tetrachloroethene			8.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	Toluene			3.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	trans-1,2-Dichloroethene		<	3.90		3.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	Trichloroethene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	37-38	SB-10 (37-38 ft)	Vinyl chloride		<	1.60		1.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	cis-1,2-Dichloroethene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	Tetrachloroethene			3.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	Toluene			2.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	41-42	SB-10 (41-42 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	Acetone			36.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	cis-1,2-Dichloroethene			2.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	Tetrachloroethene			2.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	Toluene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	45-46	SB-10 (45-46 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	Acetone			40.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	cis-1,2-Dichloroethene			10.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	Tetrachloroethene			11.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	Toluene			2.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	Trichloroethene			2.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-10	49-50	SB-10 (49-50 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	Acetone			44.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	Toluene			3.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	53-54	SB-14 (53-54 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	Acetone			17.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	cis-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	Toluene			2.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/08/12	SB-14	59-60	SB-14 (59-60 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	1,1-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	Acetone			43.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	cis-1,2-Dichloroethene			115.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	Tetrachloroethene			32.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	trans-1,2-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	Trichloroethene			21.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	53-54	SB-10 (53-54 ft)	Vinyl chloride			2.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	cis-1,2-Dichloroethene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	Tetrachloroethene			3.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-10	59-60	SB-10 (59-60 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	1,1-Dichloroethene		<	646.00		646.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	Acetone		<	6460.00		6460.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	cis-1,2-Dichloroethene			1070.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	Tetrachloroethene			170.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	Toluene		<	646.00		646.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	trans-1,2-Dichloroethene		<	646.00		646.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	Trichloroethene			290.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 dup (23-24 ft)	Vinyl chloride		<	258.00		258.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	1,1-Dichloroethene		<	136.00		136.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	Acetone			400.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	cis-1,2-Dichloroethene			239.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	Tetrachloroethene		<	136.00		136.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	Toluene		<	136.00		136.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	trans-1,2-Dichloroethene		<	136.00		136.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	Trichloroethene		<	136.00		136.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	17-18	SB-11 (17-18 ft)	Vinyl chloride		<	54.50		54.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	1,1-Dichloroethene		<	635.00		635.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	Acetone		<	6350.00		6350.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	cis-1,2-Dichloroethene			1220.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	Tetrachloroethene			140.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	Toluene		<	635.00		635.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	trans-1,2-Dichloroethene		<	635.00		635.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	Trichloroethene			310.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	23-24	SB-11 (23-24 ft)	Vinyl chloride		<	254.00		254.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	1,1-Dichloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	Acetone			37.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	cis-1,2-Dichloroethene			679.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	Tetrachloroethene			34.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	Trichloroethene			50.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	25-26	SB-11 (25-26 ft)	Vinyl chloride			17.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	1,1-Dichloroethene			12.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	Acetone			33.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	cis-1,2-Dichloroethene			4480.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	trans-1,2-Dichloroethene			39.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	Trichloroethene			2.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	29-30	SB-11 (29-30 ft)	Vinyl chloride			220.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	1,1-Dichloroethene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	cis-1,2-Dichloroethene			1320.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	Tetrachloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	trans-1,2-Dichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	Trichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	33-34	SB-11 (33-34 ft)	Vinyl chloride			36.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	Acetone			52.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	cis-1,2-Dichloroethene			5.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	37-38	SB-11 (37-38 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	1,1-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	Acetone			10.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	cis-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	Tetrachloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	trans-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	Trichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	41-42	SB-11 (41-42 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	Acetone		<	46.90		46.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	cis-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	Toluene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	45-46	SB-11 (45-46 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	Acetone			40.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	cis-1,2-Dichloroethene			10.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	Tetrachloroethene			11.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	Toluene			2.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	Trichloroethene			2.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	49-50	SB-11 (49-50 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	Acetone			46.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	cis-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/11/12	SB-11	53-54	SB-11 (53-54 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	Acetone			12.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	cis-1,2-Dichloroethene			375.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	trans-1,2-Dichloroethene			8.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 dup (17-18 ft)	Vinyl chloride			5.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	1,1-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	cis-1,2-Dichloroethene			344.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	Tetrachloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	Toluene			3.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	trans-1,2-Dichloroethene			9.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	Trichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	17-18	SB-08 (17-18 ft)	Vinyl chloride			6.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	cis-1,2-Dichloroethene			966.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	trans-1,2-Dichloroethene			8.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	21-22	SB-08 (21-22 ft)	Vinyl chloride			5.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	Acetone			45.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	cis-1,2-Dichloroethene			848.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	trans-1,2-Dichloroethene			6.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	Trichloroethene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	25-26	SB-08 (25-26 ft)	Vinyl chloride			6.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	1,1-Dichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	Acetone			43.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	cis-1,2-Dichloroethene			436.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	Tetrachloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	Toluene			2.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	trans-1,2-Dichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	Trichloroethene		<	7.00		7.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	29-30	SB-08 (29-30 ft)	Vinyl chloride			7.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	Acetone			40.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	cis-1,2-Dichloroethene			27.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	33-34	SB-08 (33-34 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	37-38	SB-08 (37-38 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	Acetone			19.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	41-42	SB-08 (41-42 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	45-46	SB-08 (45-46 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	49-50	SB-08 (49-50 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	cis-1,2-Dichloroethene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	53-54	SB-08 (53-54 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	1,1-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	cis-1,2-Dichloroethene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	Tetrachloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	Toluene			0.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	trans-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	Trichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-08	59-60	SB-08 (59-60 ft)	Vinyl chloride		<	1.60		1.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	1,1-Dichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	cis-1,2-Dichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	Tetrachloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	Toluene			2.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	trans-1,2-Dichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	Trichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
06/12/12	SB-11	59-60	SB-11 (59-60 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	Acetone			11.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	Toluene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 dup (39-40 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	Acetone		<	45.70		45.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	Toluene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	0-3	SB-24 (0-3 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	11-12	SB-24 (11-12 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	1,1-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	Acetone		<	51.20		51.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	cis-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	Tetrachloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	Toluene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	trans-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	Trichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	15-16	SB-24 (15-16 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	Acetone			11.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	18-19	SB-24 (18-19 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	Acetone		<	53.50		53.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/03/12	SB-24	22-23	SB-24 (22-23 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	Acetone			9.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	Toluene			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	26-27	SB-24 (26-27 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	30-31	SB-24 (30-31 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	Toluene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	34-35	SB-24 (34-35 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	Acetone			50.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	Toluene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	39-40	SB-24 (39-40 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	1,1-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	Acetone		<	62.90		62.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	cis-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	Tetrachloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	Toluene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	trans-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	Trichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-24	6-7	SB-24 (6-7 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	cis-1,2-Dichloroethene			6.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 dup (39-40 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	Acetone		<	59.40		59.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 dup (6-7 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	1,1-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	Acetone		<	57.20		57.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	cis-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	Tetrachloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	Toluene			3.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	trans-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	Trichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	0-3	SB-25 (0-3 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	1,1-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	Acetone		<	62.80		62.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	cis-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	Tetrachloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	trans-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	Trichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	11-12	SB-25 (11-12 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	cis-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	Toluene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	18-19	SB-25 (18-19 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	cis-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	22-23	SB-25 (22-23 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	Acetone			19.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	26-27	SB-25 (26-27 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	Acetone			28.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	cis-1,2-Dichloroethene			6.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	30-31	SB-25 (30-31 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	Acetone			23.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	cis-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	Toluene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	34-35	SB-25 (34-35 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	cis-1,2-Dichloroethene			5.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	Toluene			3.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	39-40	SB-25 (39-40 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	Acetone			17.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/03/12	SB-25	6-7	SB-25 (6-7 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	1,1-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	cis-1,2-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	Tetrachloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	Toluene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	trans-1,2-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	Trichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 dup (22-23 ft)	Vinyl chloride		<	2.90		2.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	cis-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	Toluene			2.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	18-19	SB-21 (18-19 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	1,1-Dichloroethene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	cis-1,2-Dichloroethene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	Tetrachloroethene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	Toluene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	trans-1,2-Dichloroethene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	Trichloroethene		<	7.60		7.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	22-23	SB-21 (22-23 ft)	Vinyl chloride		<	3.10		3.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	26-27	SB-21 (26-27 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	1,1-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	cis-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	Tetrachloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	trans-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	Trichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	30-31	SB-21 (30-31 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	Acetone			19.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	cis-1,2-Dichloroethene			36.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	Toluene			2.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	34-35	SB-21 (34-35 ft)	Vinyl chloride			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	cis-1,2-Dichloroethene			3.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	Toluene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-21	37-38	SB-21 (37-38 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	1,1-Dichloroethene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	cis-1,2-Dichloroethene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	Tetrachloroethene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	Toluene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	trans-1,2-Dichloroethene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	Trichloroethene		<	6.90		6.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 dup (22-23 ft)	Vinyl chloride		<	2.80		2.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	Acetone			16.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	Toluene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	0-3	SB-26 (0-3 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	11-12	SB-26 (11-12 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	15-16	SB-26 (15-16 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	1,1-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	cis-1,2-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	Tetrachloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	Toluene			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	trans-1,2-Dichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	Trichloroethene		<	7.10		7.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	18-19	SB-26 (18-19 ft)	Vinyl chloride		<	2.90		2.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	1,1-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	Acetone			17.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	cis-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	Tetrachloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	Toluene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	trans-1,2-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	Trichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	22-23	SB-26 (22-23 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	cis-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	Toluene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	26-27	SB-26 (26-27 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	1,1-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	cis-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	Tetrachloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	Toluene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	trans-1,2-Dichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	Trichloroethene		<	5.80		5.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	30-31	SB-26 (30-31 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	cis-1,2-Dichloroethene		<	33.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	Toluene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	34-35	SB-26 (34-35 ft)	Vinyl chloride			1.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	cis-1,2-Dichloroethene			42.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	Toluene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	39-40	SB-26 (39-40 ft)	Vinyl chloride			2.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	Toluene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-26	6-7	SB-26 (6-7 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	1,1-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	Acetone			38.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	cis-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	Tetrachloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	Toluene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	trans-1,2-Dichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	Trichloroethene		<	5.30		5.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 dup (26-27 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	1,1-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	Acetone		<	55.10		55.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	cis-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	Tetrachloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	Toluene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	trans-1,2-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	Trichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	0-3	SB-27 (0-3 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	Acetone		<	54.20		54.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	11-12	SB-27 (11-12 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	Acetone			11.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	Toluene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	15-16	SB-27 (15-16 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	Toluene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	18-19	SB-27 (18-19 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	1,1-Dichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	cis-1,2-Dichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	Tetrachloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	Toluene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	trans-1,2-Dichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	Trichloroethene		<	4.10		4.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	22-23	SB-27 (22-23 ft)	Vinyl chloride		<	1.60		1.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	1,1-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	cis-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	Tetrachloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	Toluene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	trans-1,2-Dichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	Trichloroethene		<	6.30		6.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	26-27	SB-27 (26-27 ft)	Vinyl chloride		<	2.50		2.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	1,1-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	Acetone			28.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	cis-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	Tetrachloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	Toluene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	trans-1,2-Dichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	Trichloroethene		<	5.10		5.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	30-31	SB-27 (30-31 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	1,1-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	Acetone			25.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	cis-1,2-Dichloroethene		<	26.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	Tetrachloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	Toluene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	trans-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	Trichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/05/12	SB-27	34-35	SB-27 (34-35 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	cis-1,2-Dichloroethene			30.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	Toluene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	39-40	SB-27 (39-40 ft)	Vinyl chloride			1.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	1,1-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	Acetone		<	60.20		60.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	cis-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	Tetrachloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	Toluene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	trans-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	Trichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/05/12	SB-27	6-7	SB-27 (6-7 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	1,1-Dichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	Acetone			32.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	cis-1,2-Dichloroethene			47.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	Tetrachloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	Toluene			2.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	trans-1,2-Dichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	Trichloroethene		<	6.40		6.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 dup (35-36 ft)	Vinyl chloride			2.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	Toluene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	18-19	SB-09 (18-19 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	1,1-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	Acetone			14.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	cis-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	Tetrachloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	Toluene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	trans-1,2-Dichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	Trichloroethene		<	4.60		4.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	22-23	SB-09 (22-23 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	1,1-Dichloroethene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	Acetone			33.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	cis-1,2-Dichloroethene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	Tetrachloroethene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	Toluene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	trans-1,2-Dichloroethene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	Trichloroethene		<	7.20		7.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	26-27	SB-09 (26-27 ft)	Vinyl chloride		<	2.90		2.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	cis-1,2-Dichloroethene			95.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	Toluene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	32-33	SB-09 (32-33 ft)	Vinyl chloride			2.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	cis-1,2-Dichloroethene			107.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	Toluene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	35-36	SB-09 (35-36 ft)	Vinyl chloride			8.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	1,1-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	cis-1,2-Dichloroethene			4.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	Tetrachloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	Toluene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	trans-1,2-Dichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	Trichloroethene		<	4.40		4.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-09	39-40	SB-09 (39-40 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	Acetone		<	50.30		50.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 dup (18-19 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	Acetone		<	49.90		49.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	Toluene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	18-19	SB-22 (18-19 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	Acetone			10.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	cis-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	Toluene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	22-23	SB-22 (22-23 ft)	Vinyl chloride		<	1.80		1.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	1,1-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	Acetone			30.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	cis-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	Tetrachloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	Toluene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	trans-1,2-Dichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	Trichloroethene		<	6.00		6.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	26-27	SB-22 (26-27 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	Toluene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	30-31	SB-22 (30-31 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	cis-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	Toluene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	34-35	SB-22 (34-35 ft)	Vinyl chloride		<	2.10		2.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	1,1-Dichloroethene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	Acetone		<	40.40		40.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	cis-1,2-Dichloroethene			153.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	Tetrachloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	Toluene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	trans-1,2-Dichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	Trichloroethene		<	4.00		4.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-22	39-40	SB-22 (39-40 ft)	Vinyl chloride			12.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	1,1-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	cis-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	Tetrachloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	Toluene			3.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	trans-1,2-Dichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	Trichloroethene		<	5.70		5.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 dup (6-7 ft)	Vinyl chloride		<	2.30		2.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	1,1-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	Acetone			12.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	cis-1,2-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	Tetrachloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	trans-1,2-Dichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	Trichloroethene		<	4.30		4.30		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	0-3	SB-28 (0-3 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	Acetone		<	55.70		55.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	cis-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	Toluene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	11-12	SB-28 (11-12 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	Acetone		<	50.20		50.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	Toluene			1.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	15-16	SB-28 (15-16 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	Acetone			37.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/06/12	SB-28	6-7	SB-28 (6-7 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	1,1-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	cis-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	Tetrachloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	trans-1,2-Dichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	Trichloroethene		<	4.80		4.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	18-19	SB-28 (18-19 ft)	Vinyl chloride		<	1.90		1.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	cis-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	22-23	SB-28 (22-23 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	Acetone			21.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	cis-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	trans-1,2-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	26-27	SB-28 (26-27 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	1,1-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	Acetone			18.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	cis-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	Tetrachloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	Toluene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	Trichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	30-31	SB-28 (30-31 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	1,1-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	Acetone		<	56.10		56.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	cis-1,2-Dichloroethene			24.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	Tetrachloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	trans-1,2-Dichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	Trichloroethene		<	5.60		5.60		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	34-35	SB-28 (34-35 ft)	Vinyl chloride		<	2.20		2.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	cis-1,2-Dichloroethene			35.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	Toluene			2.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-28	39-40	SB-28 (39-40 ft)	Vinyl chloride			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	Acetone		<	53.80		53.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	cis-1,2-Dichloroethene			23.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	Toluene			1.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	trans-1,2-Dichloroethene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 dup (15-16 ft)	Vinyl chloride			4.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	1,1-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	Acetone			23.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	cis-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	Tetrachloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	Toluene			0.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	trans-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	Trichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	0-3	SB-29 (0-3 ft)	Vinyl chloride		<	1.70		1.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	1,1-Dichloroethene		<	11.80		11.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	Acetone			32.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	cis-1,2-Dichloroethene			49.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	Tetrachloroethene		<	11.80		11.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	Toluene			2.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	trans-1,2-Dichloroethene			2.70			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	Trichloroethene		<	11.80		11.80		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	11-12	SB-29 (11-12 ft)	Vinyl chloride			10.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	1,1-Dichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	cis-1,2-Dichloroethene			39.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	Tetrachloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	trans-1,2-Dichloroethene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	Trichloroethene		<	6.20		6.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	15-16	SB-29 (15-16 ft)	Vinyl chloride			5.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	1,1-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	Acetone			22.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	cis-1,2-Dichloroethene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	Tetrachloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	trans-1,2-Dichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	Trichloroethene		<	4.70		4.70		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	18-19	SB-29 (18-19 ft)	Vinyl chloride			7.80				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	1,1-Dichloroethene		<	7.40		7.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	Acetone			50.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	cis-1,2-Dichloroethene			2.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	Tetrachloroethene		<	7.40		7.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	Toluene			2.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	trans-1,2-Dichloroethene		<	7.40		7.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	Trichloroethene		<	7.40		7.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	22-23	SB-29 (22-23 ft)	Vinyl chloride			16.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	1,1-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	Acetone			29.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	cis-1,2-Dichloroethene			69.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	Tetrachloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	Toluene			2.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	trans-1,2-Dichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	Trichloroethene		<	5.20		5.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	26-27	SB-29 (26-27 ft)	Vinyl chloride			65.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	1,1-Dichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	cis-1,2-Dichloroethene			65.20				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	Tetrachloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	Toluene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	trans-1,2-Dichloroethene			2.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	Trichloroethene		<	5.40		5.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	30-31	SB-29 (30-31 ft)	Vinyl chloride			18.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	1,1-Dichloroethene			0.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	Acetone			13.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	cis-1,2-Dichloroethene			144.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	Tetrachloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	Toluene			0.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	trans-1,2-Dichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	Trichloroethene		<	4.20		4.20		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	34-35	SB-29 (34-35 ft)	Vinyl chloride			8.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	Acetone			14.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	cis-1,2-Dichloroethene			2.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	Toluene			1.10			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	39-40	SB-29 (39-40 ft)	Vinyl chloride			1.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	1,1-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	Acetone			44.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	cis-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	Tetrachloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	Toluene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	trans-1,2-Dichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	Trichloroethene		<	5.90		5.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-29	6-7	SB-29 (6-7 ft)	Vinyl chloride		<	2.40		2.40		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	1,1-Dichloroethene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	Acetone			410.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	cis-1,2-Dichloroethene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	Tetrachloroethene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	Toluene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	trans-1,2-Dichloroethene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	Trichloroethene		<	102.00		102.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	0-3	SB-30 (0-3 ft)	Vinyl chloride		<	40.90		40.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	1,1-Dichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	Acetone			12.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	cis-1,2-Dichloroethene			40.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	Tetrachloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	Toluene			1.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	trans-1,2-Dichloroethene			2.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	Trichloroethene		<	5.50		5.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	11-12	SB-30 (11-12 ft)	Vinyl chloride			10.70				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	1,1-Dichloroethene			3.60			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	Acetone			20.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	cis-1,2-Dichloroethene			891.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	Tetrachloroethene			149.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	Toluene			2.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	trans-1,2-Dichloroethene			8.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	Trichloroethene			147.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	15-16	SB-30 (15-16 ft)	Vinyl chloride			66.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	Acetone			17.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	cis-1,2-Dichloroethene			234.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	Tetrachloroethene			6.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	Toluene			0.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	trans-1,2-Dichloroethene			3.20			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	Trichloroethene			8.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	18-19	SB-30 (18-19 ft)	Vinyl chloride			20.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	1,1-Dichloroethene			8.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	Acetone			62.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	cis-1,2-Dichloroethene			889.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	Tetrachloroethene			213.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	Toluene			3.50			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	trans-1,2-Dichloroethene			18.10				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	Trichloroethene			278.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/09/12	SB-30	22-23	SB-30 (22-23 ft)	Vinyl chloride			136.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	1,1-Dichloroethene			5.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	Acetone			26.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	cis-1,2-Dichloroethene			5240.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	Tetrachloroethene			20.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	Toluene			2.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	trans-1,2-Dichloroethene			11.40				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	Trichloroethene			78.90				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	26-27	SB-30 (26-27 ft)	Vinyl chloride			122.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	1,1-Dichloroethene			9.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	Acetone			21.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	cis-1,2-Dichloroethene			3240.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	Tetrachloroethene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	Toluene			1.80			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	trans-1,2-Dichloroethene		<	5.00		5.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	Trichloroethene			1.90			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	30-31	SB-30 (30-31 ft)	Vinyl chloride			144.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	1,1-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	Acetone			24.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	cis-1,2-Dichloroethene			266.00				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	Tetrachloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	Toluene			1.30			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	trans-1,2-Dichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	Trichloroethene		<	4.50		4.50		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	34-35	SB-30 (34-35 ft)	Vinyl chloride			6.60				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	1,1-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	Acetone			17.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	cis-1,2-Dichloroethene			9.50				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	Tetrachloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	Toluene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	trans-1,2-Dichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	Trichloroethene		<	4.90		4.90		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	39-40	SB-30 (39-40 ft)	Vinyl chloride		<	2.00		2.00		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	1,1-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	Acetone			23.00			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	cis-1,2-Dichloroethene			7.30				ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	Tetrachloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	Toluene			1.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	trans-1,2-Dichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	Trichloroethene		<	6.10		6.10		ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
07/09/12	SB-30	6-7	SB-30 (6-7 ft)	Vinyl chloride			2.40			J	ug/Kg			Soil			Table 3-1 soils - all compounds.xlsx	
08/16/15	SB-31	0-3	SB-31 (0-3)	cis-1,2-Dichloroethene		<	5.80	5.80			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/16/15	SB-31	0-3	SB-31 (0-3)	Tetrachloroethene		<	5.80	5.80			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/16/15	SB-31	0-3	SB-31 (0-3)	Trichloroethene		<	5.80	5.80			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/16/15	SB-31	0-3	SB-31 (0-3)	Vinyl Chloride		<	2.30	2.30			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/16/15	SB-31	10-11	SB-31 (10-11)	cis-1,2-Dichloroethene		<	5.20	5.20			ug/Kg			Soil			Teklab Lab Report, Aug 2012	

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
08/21/12	SB-38	22-23	SB-38 (22-23)	Trichloroethene			20.80				ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	22-23	SB-38 (22-23)	Vinyl Chloride			4.40				ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	26-27	SB-38 (26-27)	cis-1,2-Dichloroethene			68.40				ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	26-27	SB-38 (26-27)	Tetrachloroethene		<	5.50	5.50			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	26-27	SB-38 (26-27)	Trichloroethene		<	5.50	5.50			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	26-27	SB-38 (26-27)	Vinyl Chloride			2.10			J	ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	32-33	SB-38 (32-33)	cis-1,2-Dichloroethene			25.70				ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	32-33	SB-38 (32-33)	Tetrachloroethene		<	5.00	5.00			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	32-33	SB-38 (32-33)	Trichloroethene			3.20			J	ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	32-33	SB-38 (32-33)	Vinyl Chloride			1.50			J	ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	6-7	SB-38 (6-7)	cis-1,2-Dichloroethene		<	4.90	4.90			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	6-7	SB-38 (6-7)	Tetrachloroethene		<	4.90	4.90			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	6-7	SB-38 (6-7)	Trichloroethene		<	4.90	4.90			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
08/21/12	SB-38	6-7	SB-38 (6-7)	Vinyl Chloride		<	2.00	2.00			ug/Kg			Soil			Teklab Lab Report, Aug 2012	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	1,1-Dichloroethene		<	160.00	160.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	Acetone			670.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	cis-1,2-Dichloroethene			487.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	Tetrachloroethene		<	160.00	160.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	Toluene		<	160.00	160.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	trans-1,2-Dichloroethene		<	160.00	160.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	Trichloroethene		<	160.00	160.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	14-15 ft	SB39 14-15 ft	Vinyl chloride			103.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	1,1-Dichloroethene		<	161.00	161.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	Acetone			710.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	cis-1,2-Dichloroethene			2310.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	Tetrachloroethene			330.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	Toluene		<	161.00	161.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	trans-1,2-Dichloroethene		<	161.00	161.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	Trichloroethene			130.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	18-19 ft	SB39 18-19 ft	Vinyl chloride			166.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	1,1-Dichloroethene		<	157.00	157.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	Acetone			690.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	cis-1,2-Dichloroethene			3720.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	Tetrachloroethene			1610.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	Toluene		<	157.00	157.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	trans-1,2-Dichloroethene		<	157.00	157.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	Trichloroethene			606.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	23-24 ft	SB39 23-24 ft	Vinyl chloride			158.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	1,1-Dichloroethene		<	129.00	129.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	Acetone			640.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	cis-1,2-Dichloroethene			350.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	Tetrachloroethene			363.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	Toluene		<	129.00	129.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	trans-1,2-Dichloroethene		<	129.00	129.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	Trichloroethene			38.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	29-30 ft	SB39 29-30 ft	Vinyl chloride			222.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	1,1-Dichloroethene		<	112.00	112.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	Acetone			500.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	cis-1,2-Dichloroethene			362.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	Tetrachloroethene			29.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	Toluene		<	112.00	112.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	trans-1,2-Dichloroethene		<	112.00	112.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	Trichloroethene		<	112.00	112.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	31-32 ft	SB39 31-32 ft	Vinyl chloride			70.50				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	1,1-Dichloroethene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	Acetone			300.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	cis-1,2-Dichloroethene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	Tetrachloroethene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	Toluene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	trans-1,2-Dichloroethene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	Trichloroethene		<	125.00	125.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	3-4 ft	SB39 3-4 ft	Vinyl chloride		<	49.90	49.90			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	1,1-Dichloroethene		<	150.00	150.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	Acetone			660.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	cis-1,2-Dichloroethene			1340.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	Tetrachloroethene		<	150.00	150.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	Toluene		<	150.00	150.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	trans-1,2-Dichloroethene		<	150.00	150.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	Trichloroethene		<	150.00	150.00			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-39	7-8 ft	SB39 7-8 ft	Vinyl chloride			314.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	1,1-Dichloroethene		<	4.60	4.60			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	Acetone			107.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	cis-1,2-Dichloroethene		<	4.60	4.60			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	Tetrachloroethene		<	4.60	4.60			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	Toluene			1.50			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	trans-1,2-Dichloroethene		<	4.60	4.60			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	Trichloroethene		<	4.60	4.60			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	1-2 ft	SB40 1-2 ft	Vinyl chloride		<	1.80	1.80			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	1,1-Dichloroethene		<	6.30	6.30			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	Acetone			31.00			J	ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	cis-1,2-Dichloroethene			24.00				ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	Tetrachloroethene		<	6.30	6.30			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	Toluene		<	6.30	6.30			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft	SB40 14-15 ft	trans-1,2-Dichloroethene		<	6.30	6.30			ug/Kg			Soil			Tek Lab, EDD	
11/14/12	SB-40	14-15 ft																

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
11/14/12	SB-40	18-19 ft	SB40 18-19	Acetone			33.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	cis-1,2-Dichloroethene			16.80				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	Tetrachloroethene		<	4.80	4.80			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	Toluene		<	4.80	4.80			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	trans-1,2-Dichloroethene		<	4.80	4.80			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	Trichloroethene		<	4.80	4.80			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	18-19 ft	SB40 18-19	Vinyl chloride			31.10				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	1,1-Dichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	Acetone			44.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	cis-1,2-Dichloroethene			36.70				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	Tetrachloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	Toluene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	trans-1,2-Dichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	Trichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30	Vinyl chloride			27.90				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	1,1-Dichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	Acetone			66.60				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	cis-1,2-Dichloroethene			40.10				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	Tetrachloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	Toluene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	trans-1,2-Dichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	Trichloroethene		<	6.20	6.20			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	29-30 ft	SB40 29-30 Dup	Vinyl chloride			44.30				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	1,1-Dichloroethene		<	526.00	526.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	Acetone		<	5260.00	5260.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	cis-1,2-Dichloroethene			3280.00				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	Tetrachloroethene		<	526.00	526.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	Toluene		<	526.00	526.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	trans-1,2-Dichloroethene		<	526.00	526.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	Trichloroethene		<	526.00	526.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	36-37 ft	SB40 36-37	Vinyl chloride			255.00				ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	1,1-Dichloroethene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	Acetone			30.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	cis-1,2-Dichloroethene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	Tetrachloroethene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	Toluene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	trans-1,2-Dichloroethene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	Trichloroethene		<	6.00	6.00			ug/Kg			Soil			Tek Lab_EDD	
11/14/12	SB-40	8-9 ft	SB40 8-9 ft	Vinyl chloride			2.90				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	1,1-Dichloroethene		<	507.00	507.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	Acetone		<	5070.00	5070.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	cis-1,2-Dichloroethene			4330.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	Tetrachloroethene			195000.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	Toluene		<	507.00	507.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	trans-1,2-Dichloroethene		<	507.00	507.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	Trichloroethene			5440.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	14-15 ft	SB41 14-15 ft	Vinyl chloride			110.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	1,1-Dichloroethene		<	1250.00	1250.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	Acetone		<	12500.00	12500.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	cis-1,2-Dichloroethene			11400.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	Tetrachloroethene			147000.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	Toluene		<	1250.00	1250.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	trans-1,2-Dichloroethene		<	1250.00	1250.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	Trichloroethene			14400.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	15-16 ft	SB41 15-16 ft	Vinyl chloride			280.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	1,1-Dichloroethene		<	595.00	595.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	Acetone		<	5950.00	5950.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	cis-1,2-Dichloroethene			10600.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	Tetrachloroethene			47500.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	Toluene		<	595.00	595.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	trans-1,2-Dichloroethene		<	595.00	595.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	Trichloroethene			8280.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	22-23 ft	SB41 22-23 ft	Vinyl chloride			525.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	1,1-Dichloroethene		<	495.00	495.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	Acetone			1100.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	cis-1,2-Dichloroethene			9540.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	Tetrachloroethene			159000.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	Toluene		<	495.00	495.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	trans-1,2-Dichloroethene		<	495.00	495.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	Trichloroethene			14200.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft	Vinyl chloride			210.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	1,1-Dichloroethene		<	522.00	522.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	Acetone			1100.00			J	ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	cis-1,2-Dichloroethene			7560.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	Tetrachloroethene			114000.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	Toluene		<	522.00	522.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	trans-1,2-Dichloroethene		<	522.00	522.00			ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	Trichloroethene			11500.00				ug/Kg			Soil			Tek Lab_EDD	
11/15/12	SB-41	25-26 ft	SB41 25-26 ft Dup	Vinyl chloride			229.00				ug/Kg			Soil			Tek Lab_EDD	

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
07/07/14	SB-10-2	12-16 ft	SB-10-2 (12-16 ft)	trans-1,2-Dichloroethene			1.5			J	ug/Kg			Soil			14070318	
07/07/14	SB-10-2	12-16 ft	SB-10-2 (12-16 ft)	Trichloroethene		<	5.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	12-16 ft	SB-10-2 (12-16 ft)	Vinyl chloride			3				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	1,1-Dichloroethene			3.4			J	ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	Acetone		<	49.4				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	cis-1,2-Dichloroethene			1820				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	Tetrachloroethene		<	4.9				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	Toluene		<	4.9				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	trans-1,2-Dichloroethene			23.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	Trichloroethene			5.3				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	16-20 ft	SB-10-2 (16-20 ft)	Vinyl chloride			67.5				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	1,1-Dichloroethene		<	5.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	Acetone		<	57.2				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	cis-1,2-Dichloroethene			150				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	Tetrachloroethene		<	5.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	Toluene		<	5.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	trans-1,2-Dichloroethene			9.2				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	Trichloroethene		<	5.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	20-24 ft	SB-10-2 (20-24 ft)	Vinyl chloride			12.7				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	1,1-Dichloroethene			10.4				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	Acetone		<	65.1				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	cis-1,2-Dichloroethene			4420.0				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	Tetrachloroethene		<	6.5				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	Toluene		<	6.5				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	trans-1,2-Dichloroethene			60.3				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	Trichloroethene		<	6.5				ug/Kg			Soil			14070318	
07/07/14	SB-10-2	24-28 ft	SB-10-2 (24-28 ft)	Vinyl chloride			156.0				ug/Kg			Soil			14070318	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	1,1-Dichloroethene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	Acetone		<	60.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	cis-1,2-Dichloroethene			158.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	Tetrachloroethene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	Toluene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	trans-1,2-Dichloroethene			9.3				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	Trichloroethene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	12-16 ft	SB-10 (12-16 ft)	Vinyl chloride			7.7				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	1,1-Dichloroethene			3.1			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	Acetone			26.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	cis-1,2-Dichloroethene			1150.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	Tetrachloroethene		<	7.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	Toluene		<	7.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	trans-1,2-Dichloroethene			27.8				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	Trichloroethene		<	7.1				ug/Kg			Soil			14071299	
07/23/14	SB-10	16-20 ft	SB-10 (16-20 ft)	Vinyl chloride			63.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	1,1-Dichloroethene			2.3			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	Acetone			21.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	cis-1,2-Dichloroethene			1360.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	Tetrachloroethene		<	7.8				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	Toluene		<	7.8				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	trans-1,2-Dichloroethene			18.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	Trichloroethene		<	7.8				ug/Kg			Soil			14071299	
07/23/14	SB-10	20-24 ft	SB-10 (20-24 ft)	Vinyl chloride			57.8				ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	1,1-Dichloroethene			2.6			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	Acetone			32.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	cis-1,2-Dichloroethene			601.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	Tetrachloroethene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	Toluene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	trans-1,2-Dichloroethene			13.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	Trichloroethene			5.6			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	24-28 ft	SB-10 (24-28 ft)	Vinyl chloride			38.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	1,1-Dichloroethene			2.4			J	ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	Acetone			37.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	cis-1,2-Dichloroethene			614.0				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	Tetrachloroethene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	Toluene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	trans-1,2-Dichloroethene			5.7				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	Trichloroethene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-10	28-32 ft	SB-10 (28-32 ft)	Vinyl chloride			20.7				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	1,1-Dichloroethene		<	19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	Acetone			986.0				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	cis-1,2-Dichloroethene		<	19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	Tetrachloroethene		<	19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	Toluene		<	19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	trans-1,2-Dichloroethene			19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	Trichloroethene		<	19.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	4-8 ft	SB-41-2 (4-8 ft)	Vinyl chloride			7.8				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	1,1-Dichloroethene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	Acetone			4300.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	cis-1,2-Dichloroethene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	Tetrachloroethene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	Toluene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	trans-1,2-Dichloroethene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	Trichloroethene		<	432				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-10 ft	SB-41-2 (8-10 ft)	Vinyl chloride		<	173.0				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	12-16 ft	SB-41-2 (12-16 ft)	1,1-Dichloroethene		<	13.7				ug/Kg			Soil			14071299	

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
07/23/14	SB-41-2	12-16 ft	SB-41-2 (12-16 ft)	Toluene			12.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	12-16 ft	SB-41-2 (12-16 ft)	trans-1,2-Dichloroethene		<	13.7				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	12-16 ft	SB-41-2 (12-16 ft)	Trichloroethene		<	13.7				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	12-16 ft	SB-41-2 (12-16 ft)	Vinyl chloride		<	5.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	1,1-Dichloroethene		<	5.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	Acetone			38.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	cis-1,2-Dichloroethene			47.2				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	Tetrachloroethene			2.4			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	Toluene		<	5.4				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	trans-1,2-Dichloroethene			1.9			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	Trichloroethene			2.8			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	16-20 ft	SB-41-2 (16-20 ft)	Vinyl chloride			6.2				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	1,1-Dichloroethene		<	134				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	Acetone		<	1340.0				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	cis-1,2-Dichloroethene			1510.0				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	Tetrachloroethene		<	134				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	Toluene		<	134				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	trans-1,2-Dichloroethene		<	134				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	Trichloroethene		<	134				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	20-24 ft	SB-41-2 (20-24 ft)	Vinyl chloride		<	53.6				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	1,1-Dichloroethene			37			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	Acetone			260.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	cis-1,2-Dichloroethene			13100.0				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	Tetrachloroethene		<	127				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	Toluene		<	127				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	trans-1,2-Dichloroethene			120.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	Trichloroethene		<	127				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	24-28 ft	SB-41-2 (24-28 ft)	Vinyl chloride		<	50.7				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	1,1-Dichloroethene		<	185				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	Acetone		<	1850				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	cis-1,2-Dichloroethene			4640				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	Tetrachloroethene			611				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	Toluene		<	185				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	trans-1,2-Dichloroethene			50			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	Trichloroethene			100			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	28-32 ft	SB-41-2 (28-32 ft)	Vinyl chloride		<	73.9				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	1,1-Dichloroethene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	Acetone			19.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	cis-1,2-Dichloroethene			3.2			J	ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	Tetrachloroethene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	Toluene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	trans-1,2-Dichloroethene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	Trichloroethene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-41-2	8-12 ft	SB-41-2 (8-12 ft)	Vinyl chloride			5.5				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	1,1-Dichloroethene		<	5.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	Acetone		<	59.4				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	cis-1,2-Dichloroethene			77.1				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	Tetrachloroethene		<	5.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	Toluene		<	5.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	trans-1,2-Dichloroethene			2.6			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	Trichloroethene		<	5.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	12-16 ft	SB-40 (12-16 ft)	Vinyl chloride			16.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	1,1-Dichloroethene			1.1			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	Acetone			19.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	cis-1,2-Dichloroethene			182				ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	Tetrachloroethene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	Toluene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	trans-1,2-Dichloroethene			3.7			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	Trichloroethene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-40	16-20 ft	SB-40 (16-20 ft)	Vinyl chloride			78.6				ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	1,1-Dichloroethene			1.6			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	Acetone			54.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	cis-1,2-Dichloroethene			241				ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	Tetrachloroethene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	Toluene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	trans-1,2-Dichloroethene			4.9			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	Trichloroethene		<	6.1				ug/Kg			Soil			14071299	
07/23/14	SB-40	20-24 ft	SB-40 (20-24 ft)	Vinyl chloride			87.8				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	1,1-Dichloroethene			22.1				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	Acetone			41.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	cis-1,2-Dichloroethene			1490				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	Tetrachloroethene		<	5.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	Toluene		<	5.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	trans-1,2-Dichloroethene			22.8				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	Trichloroethene		<	5.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	28-32 ft	SB-40 (28-32 ft)	Vinyl chloride			147				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	1,1-Dichloroethene			4.8			J	ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	Acetone			21.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	cis-1,2-Dichloroethene			1400.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	Tetrachloroethene			262.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	Toluene		<	6.5				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	trans-1,2-Dichloroethene			32.8				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	Trichloroethene			131.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	12-16 ft	SB-11-1 (12-16 ft)	Vinyl chloride			200.											

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
07/23/14	SB-11-1	16-20 ft	SB-11-1 (16-20 ft)	Tetrachloroethene			18.9				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	16-20 ft	SB-11-1 (16-20 ft)	Toluene		<	4.9				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	16-20 ft	SB-11-1 (16-20 ft)	trans-1,2-Dichloroethene			9.3				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	16-20 ft	SB-11-1 (16-20 ft)	Trichloroethene			15.7				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	16-20 ft	SB-11-1 (16-20 ft)	Vinyl chloride			80.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	1,1-Dichloroethene			3.6			J	ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	Acetone			13.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	cis-1,2-Dichloroethene			1600.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	Tetrachloroethene			222				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	Toluene		<	5.6				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	trans-1,2-Dichloroethene			18.0				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	Trichloroethene			60.9				ug/Kg			Soil			14071299	
07/23/14	SB-11-1	20-24 ft	SB-11-1 (20-24 ft)	Vinyl chloride			224.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	1,1-Dichloroethene		<	130.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	Acetone		<	1300.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	cis-1,2-Dichloroethene		<	2500.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	Tetrachloroethene		<	130.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	Toluene		<	130.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	trans-1,2-Dichloroethene		<	35.0			J	ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	Trichloroethene		<	130.0				ug/Kg			Soil			14071299	
07/23/14	SB-10-2	28-32 ft	SB-10-2 (28-32 ft)	Vinyl chloride		<	51.9				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	1,1-Dichloroethene		<	194.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	Acetone		<	1940.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	cis-1,2-Dichloroethene		<	482.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	Tetrachloroethene		<	194.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	Toluene		<	194.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	trans-1,2-Dichloroethene		<	194.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	Trichloroethene		<	194.0				ug/Kg			Soil			14071299	
07/23/14	SB-40	24-28 ft	SB-40 (24-28 ft)	Vinyl chloride		<	77.5				ug/Kg			Soil			14071299	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	1,1-Dichloroethene		<	136.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	Acetone		<	1360.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	cis-1,2-Dichloroethene		<	4910.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	Tetrachloroethene		<	136.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	Toluene		<	136.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	trans-1,2-Dichloroethene		<	56.0			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	Trichloroethene		<	136.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	24-28 ft	SB-11-1 (24-28 ft)	Vinyl chloride		<	66.6				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	1,1-Dichloroethene		<	110.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	Acetone		<	1100.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	cis-1,2-Dichloroethene		<	510.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	Tetrachloroethene		<	110.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	Toluene		<	110.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	trans-1,2-Dichloroethene		<	110.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	Trichloroethene		<	110.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11-1	28-32 ft	SB-11-1 (28-32 ft)	Vinyl chloride		<	44.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	1,1-Dichloroethene		<	143.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	Acetone		<	1430.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	cis-1,2-Dichloroethene		<	640.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	Tetrachloroethene		<	100			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	Toluene		<	143.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	trans-1,2-Dichloroethene		<	143.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	Trichloroethene		<	70			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11	12-16 ft	SB-11 (12-16 ft)	Vinyl chloride		<	57.4				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	1,1-Dichloroethene		<	133				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	Acetone		<	1330				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	cis-1,2-Dichloroethene		<	888				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	Tetrachloroethene		<	133				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	Toluene		<	133				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	trans-1,2-Dichloroethene		<	133				ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	Trichloroethene		<	43.0			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11	16-20 ft	SB-11 (16-20 ft)	Vinyl chloride		<	53.2				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	1,1-Dichloroethene		<	130.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	Acetone		<	1300.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	cis-1,2-Dichloroethene		<	1480				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	Tetrachloroethene		<	1620.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	Toluene		<	130.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	trans-1,2-Dichloroethene		<	130.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	Trichloroethene		<	995.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	20-24 ft	SB-11 (20-24 ft)	Vinyl chloride		<	52.2				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	1,1-Dichloroethene		<	144.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	Acetone		<	1440.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	cis-1,2-Dichloroethene		<	409				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	Tetrachloroethene		<	130.0			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	Toluene		<	144.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	trans-1,2-Dichloroethene		<	144.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	Trichloroethene		<	74.0			J	ug/Kg			Soil			14071371	
07/24/2014	SB-11	24-28 ft	SB-11 (24-28 ft)	Vinyl chloride		<	57.5				ug/Kg			Soil			14071371	
07/24/2014	SB-11	28-32 ft	SB-11 (28-32 ft)	1,1-Dichloroethene		<	125.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	28-32 ft	SB-11 (28-32 ft)	Acetone		<	1250.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	28-32 ft	SB-11 (28-32 ft)	cis-1,2-Dichloroethene		<	5400				ug/Kg			Soil			14071371	
07/24/2014	SB-11	28-32 ft	SB-11 (28-32 ft)	Tetrachloroethene		<	125.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11	28-32 ft	SB-11 (28-32 ft)	Toluene		<	125.0				ug/Kg			Soil			14071371	
07/24/2014	SB-11</																	

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	cis-1,2-Dichloroethene	156592	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	Tetrachloroethene	127184	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	Toluene	108883	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	trans-1,2-Dichloroethene	156605	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	Trichloroethene	79016	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	19 ft	ISCO-6-19.0	Vinyl Chloride	75014	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	1,1-Dichloroethene	75354	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	Acetone	67641		11	27		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	cis-1,2-Dichloroethene	156592	<	6.9				µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	Tetrachloroethene	127184	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	Toluene	108883	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	trans-1,2-Dichloroethene	156605	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	Trichloroethene	79016	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	25 ft	ISCO-6-25.0	Vinyl Chloride	75014	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	1,1-Dichloroethene	75354	<	2.5	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	Acetone	67641		24	32		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	cis-1,2-Dichloroethene	156592		61.1	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	Tetrachloroethene	127184	<	2.5	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	Toluene	108883	<	2.5	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	trans-1,2-Dichloroethene	156605	<	3.2	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	Trichloroethene	79016	<	2.5	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-6	29 ft	ISCO-6-29.0	Vinyl Chloride	75014	<	2.5	2.5			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	1,1-Dichloroethene	75354	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	Acetone	67641		9.4	27		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	cis-1,2-Dichloroethene	156592		14.6	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	Tetrachloroethene	127184	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	Toluene	108883		0.9	2.2		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	trans-1,2-Dichloroethene	156605	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	Trichloroethene	79016	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	19.2 ft	ISCO-7-19.2	Vinyl Chloride	75014		17.3	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	1,1-Dichloroethene	75354	<	2.1	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	Acetone	67641		22	27		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	cis-1,2-Dichloroethene	156592		18.1	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	Tetrachloroethene	127184	<	2.1	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	Toluene	108883		7.2	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	trans-1,2-Dichloroethene	156605		1.2	2.1		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	Trichloroethene	79016	<	2.1	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	23.7 ft	ISCO-7-23.7	Vinyl Chloride	75014		10.8	2.1			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	1,1-Dichloroethene	75354		0.8	2.2		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	Acetone	67641		27	27		J	µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	cis-1,2-Dichloroethene	156592		134.0	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	Tetrachloroethene	127184	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	Toluene	108883		2.8	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	trans-1,2-Dichloroethene	156605		4.4	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	Trichloroethene	79016	<	2.2	2.2			µg/Kg-dry		SW8260B	Soil			23010574	
01/10/2023	ISCO-7	33.5 ft	ISCO-7-33.5	Vinyl Chloride	75014		601.0	49.4			µg/Kg-dry		SW8260B	Soil			23010574	
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	1,1-Dichloroethene	00075354		1.0	2.2	0.20	J	µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	Acetone	00067641		8.7	27.1	6.80	J	µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	cis-1,2-Dichloroethene	00156592		964.0	59.9	6.60		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201982
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	Tetrachloroethene	00127184	<	2.2	2.2	0.50		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	Toluene	00108883	<	2.2	2.2	0.40		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	trans-1,2-Dichloroethene	00156605		8.3	2.2	0.20		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	Trichloroethene	00079016	<	2.2	2.2	0.30		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	23.0 ft	ISCO-11-23.0	Vinyl Chloride	00075014		54.6	2.2	0.30		µg/Kg-dry	23010744-011c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	1,1-Dichloroethene	00075354		4.9	2.6	0.20		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	Acetone	00067641		31.0	32.4	8.10	J	µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	cis-1,2-Dichloroethene	00156592		1830.0	121	13.30		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201982
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	Tetrachloroethene	00127184	<	2.6	2.6	0.60		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	Toluene	00108883	<	2.6	2.6	0.50		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	trans-1,2-Dichloroethene	00156605		30.1	2.6	0.20		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	Trichloroethene	00079016		3.3	2.6	0.40		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0	Vinyl Chloride	00075014		249.0	2.6	0.40		µg/Kg-dry	23010744-012c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	1,1-Dichloroethene	00075354		3.8	2.1	0.20		µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	Acetone	00067641		17.0	26.5	6.60	J	µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	cis-1,2-Dichloroethene	00156592		1810.0	118	13.00		µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201982
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	Tetrachloroethene	00127184	<	2.1	2.1	0.50		µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	Toluene	00108883	<	2.1	2.1	0.40		µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	trans-1,2-Dichloroethene	00156605		23.3	2.1	0.20		µg/Kg-dry	23010744-013c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201965
01/11/2023	ISCO-11	30.0 ft	ISCO-11-30.0-DUP	Trichloroethene	00079016		2.4	2.1	0.30									

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	Acetone	00067641		15.0	26.6	6.60	J	µg/Kg-dry	23010744-010c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	cis-1,2-Dichloroethene	00156592		1410.0	53.7	5.90		µg/Kg-dry	23010744-010C	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201982
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	Tetrachloroethene	00127184	<	2.1	2.1	0.50		µg/Kg-dry	23010744-010c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	Toluene	00108883		0.7	2.1	0.40	J	µg/Kg-dry	23010744-010c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	trans-1,2-Dichloroethene	00156605		3.1	2.1	0.20		µg/Kg-dry	23010744-010c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	Trichloroethene	00079016	<	2.1	2.1	0.30		µg/Kg-dry	23010744-010c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-12	23.7 ft	ISCO-12-23.7	Vinyl Chloride	00075014		937.0	53.7	8.60		µg/Kg-dry	23010744-010C	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201982
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	1,1-Dichloroethene	00075354	<	2.2	2.2	0.20		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	Acetone	00067641		14.0	27.1	6.80	J	µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	cis-1,2-Dichloroethene	00156592		118.0	2.2	0.20		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	Tetrachloroethene	00127184	<	2.2	2.2	0.50		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	Toluene	00108883	<	2.2	2.2	0.40		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	trans-1,2-Dichloroethene	00156605	<	2.2	2.2	0.20		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	Trichloroethene	00079016	<	2.2	2.2	0.30		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	18.0 ft	ISCO-8-18.0	Vinyl Chloride	00075014		388.0	23	8.50		µg/Kg-dry	23010744-001c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201979
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	1,1-Dichloroethene	00075354		1.1	2.3	0.20	J	µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	Acetone	00067641		13.0	28.9	7.20	J	µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	cis-1,2-Dichloroethene	00156592		647.0	58.3	6.40		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201979
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	Tetrachloroethene	00127184	<	2.3	2.3	0.50		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	Toluene	00108883	<	2.3	2.3	0.40		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	trans-1,2-Dichloroethene	00156605		3.5	2.3	0.20		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	Trichloroethene	00079016	<	2.3	2.3	0.30		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	29.3 ft	ISCO-8-29.3	Vinyl Chloride	00075014		36.1	2.3	0.40		µg/Kg-dry	23010744-002c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	1,1-Dichloroethene	00075354		9.2	2.5	0.20		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	Acetone	00067641		41.0	31.4	7.80		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	cis-1,2-Dichloroethene	00156592		4540.0	59	6.50		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201979
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	Tetrachloroethene	00127184	<	2.5	2.5	0.60		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	Toluene	00108883		5.7	2.5	0.40		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	trans-1,2-Dichloroethene	00156605		43.4	2.5	0.20		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	Trichloroethene	00079016		2.1	2.5	0.40	J	µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/10/2023	ISCO-8	31.3 ft	ISCO-8-31.3	Vinyl Chloride	00075014		930.0	59	9.40		µg/Kg-dry	23010744-003c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201979
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	1,1-Dichloroethene	00075354	<	2.2	2.2	0.20		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	Acetone	00067641		23.0	27.2	6.80	J	µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	cis-1,2-Dichloroethene	00156592	<	2.2	2.2	0.20		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	Tetrachloroethene	00127184	<	2.2	2.2	0.50		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	Toluene	00108883	<	2.2	2.2	0.40		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	trans-1,2-Dichloroethene	00156605	<	2.2	2.2	0.20		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	Trichloroethene	00079016	<	2.2	2.2	0.30		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3	Vinyl Chloride	00075014	<	2.2	2.2	0.30		µg/Kg-dry	23010744-005c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	1,1-Dichloroethene	00075354	<	2.2	2.2	0.20		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	Acetone	00067641		23.0	27.8	6.90	J	µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	cis-1,2-Dichloroethene	00156592	<	2.2	2.2	0.20		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	Tetrachloroethene	00127184	<	2.2	2.2	0.50		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	Toluene	00108883	<	2.2	2.2	0.40		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	trans-1,2-Dichloroethene	00156605	<	2.2	2.2	0.20		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	Trichloroethene	00079016	<	2.2	2.2	0.30		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	22.3 ft	ISCO-9-22.3-DUP	Vinyl Chloride	00075014	<	2.2	2.2	0.40		µg/Kg-dry	23010744-004c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	1,1-Dichloroethene	00075354		7.7	2.3	0.20		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	Acetone	00067641		30.2	28.4	7.10		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	cis-1,2-Dichloroethene	00156592		3040.0	61.1	6.70		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/17/2023	23010744	201979
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	Tetrachloroethene	00127184		25.2	2.3	0.50		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	Toluene	00108883	<	2.3	2.3	0.40		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	trans-1,2-Dichloroethene	00156605		4.3	2.3	0.20		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	Trichloroethene	00079016		98.2	2.3	0.30		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	24.5 ft	ISCO-9-24.5	Vinyl Chloride	00075014		203.0	2.3	0.40		µg/Kg-dry	23010744-006c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	28.5 ft	ISCO-9-28.5	1,1-Dichloroethene	00075354		2.3	2.8	0.30	J	µg/Kg-dry	23010744-007c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	28.5 ft	ISCO-9-28.5	Acetone	00067641		33.0	34.6	8.60	J	µg/Kg-dry	23010744-007c	SW8260B	Soil	01/17/2023	01/16/2023	23010744	201966
01/11/2023	ISCO-9	28.5 ft	ISCO-9-28.5	cis-1,2-Dichloroethene	001565													

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
2016	TBI-1 (SB-39)	7.5 ft	TBI-1 (7.5 ft)	cis-1,2-Dichloroethene	00156592		1.2			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	7.5 ft	TBI-1 (7.5 ft)	Tetrachloroethene	00127184	<	5.7	5.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	7.5 ft	TBI-1 (7.5 ft)	Trichloroethene	00079016	<	5.7	5.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	7.5 ft	TBI-1 (7.5 ft)	Vinyl Chloride	00075014		2			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	17.5 ft	TBI-1 (17.5 ft)	cis-1,2-Dichloroethene	00156592		526				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	17.5 ft	TBI-1 (17.5 ft)	Tetrachloroethene	00127184		20.5				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	17.5 ft	TBI-1 (17.5 ft)	Trichloroethene	00079016		51.9				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	17.5 ft	TBI-1 (17.5 ft)	Vinyl Chloride	00075014		26.6				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	27.5 ft	TBI-1 (27.5 ft)	cis-1,2-Dichloroethene	00156592		55.8				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	27.5 ft	TBI-1 (27.5 ft)	Tetrachloroethene	00127184		1.6			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	27.5 ft	TBI-1 (27.5 ft)	Trichloroethene	00079016		3.1			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-1 (SB-39)	27.5 ft	TBI-1 (27.5 ft)	Vinyl Chloride	00075014		4.5				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	7.5 FT	TBI-3 (7.5 ft)	cis-1,2-Dichloroethene	00156592	<	5.7	5.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	7.5 FT	TBI-3 (7.5 ft)	Tetrachloroethene	00127184	<	5.7	5.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	7.5 FT	TBI-3 (7.5 ft)	Trichloroethene	00079016	<	5.7	5.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	7.5 FT	TBI-3 (7.5 ft)	Vinyl Chloride	00075014		1.0			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	17.5 FT	TBI-3 (17.5 ft)	cis-1,2-Dichloroethene	00156592		28.3				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	17.5 FT	TBI-3 (17.5 ft)	Tetrachloroethene	00127184	<	4.9	4.9			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	17.5 FT	TBI-3 (17.5 ft)	Trichloroethene	00079016	<	4.9	4.9			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	17.5 FT	TBI-3 (17.5 ft)	Vinyl Chloride	00075014		41.6				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	27.5 FT	TBI-3 (27.5 ft)	cis-1,2-Dichloroethene	00156592		5740.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	27.5 FT	TBI-3 (27.5 ft)	Tetrachloroethene	00127184		2.2			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	27.5 FT	TBI-3 (27.5 ft)	Trichloroethene	00079016	<	6.3	6.3			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-3 (near SB-41)	27.5 FT	TBI-3 (27.5 ft)	Vinyl Chloride	00075014		489.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	7.5 FT	TBI-5 (7.5 ft)	cis-1,2-Dichloroethene	00156592		29.8				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	7.5 FT	TBI-5 (7.5 ft)	Tetrachloroethene	00127184	<	5.8	5.8			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	7.5 FT	TBI-5 (7.5 ft)	Trichloroethene	00079016	<	5.8	5.8			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	7.5 FT	TBI-5 (7.5 ft)	Vinyl Chloride	00075014		5.3				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	17.5 FT	TBI-5 (17.5 ft)	cis-1,2-Dichloroethene	00156592		1160.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	17.5 FT	TBI-5 (17.5 ft)	Tetrachloroethene	00127184		38.9				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	17.5 FT	TBI-5 (17.5 ft)	Trichloroethene	00079016		147.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	17.5 FT	TBI-5 (17.5 ft)	Vinyl Chloride	00075014		102.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	27.5 FT	TBI-5 (27.5 ft)	cis-1,2-Dichloroethene	00156592		295.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	27.5 FT	TBI-5 (27.5 ft)	Tetrachloroethene	00127184		7.4				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	27.5 FT	TBI-5 (27.5 ft)	Trichloroethene	00079016		5.7			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-5	27.5 FT	TBI-5 (27.5 ft)	Vinyl Chloride	00075014		4.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	7.5 FT	TBI-7 (7.5 ft)	cis-1,2-Dichloroethene	00156592		6.8				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	7.5 FT	TBI-7 (7.5 ft)	Tetrachloroethene	00127184	<	5.9	5.9			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	7.5 FT	TBI-7 (7.5 ft)	Trichloroethene	00079016	<	5.9	5.9			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	7.5 FT	TBI-7 (7.5 ft)	Vinyl Chloride	00075014		0.7			J	µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	17.5 FT	TBI-7 (17.5 ft)	cis-1,2-Dichloroethene	00156592		533.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	17.5 FT	TBI-7 (17.5 ft)	Tetrachloroethene	00127184	<	4.7	4.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	17.5 FT	TBI-7 (17.5 ft)	Trichloroethene	00079016	<	4.7	4.7			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	17.5 FT	TBI-7 (17.5 ft)	Vinyl Chloride	00075014		119.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	27.5 FT	TBI-7 (27.5 ft)	cis-1,2-Dichloroethene	00156592		4820.0				µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	27.5 FT	TBI-7 (27.5 ft)	Tetrachloroethene	00127184	<	5	5			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	27.5 FT	TBI-7 (27.5 ft)	Trichloroethene	00079016	<	5	5			µg/Kg			Soil			2018 RI Report, Table 2	
2016	TBI-7 (near SB-10)	27.5 FT	TBI-7 (27.5 ft)	Vinyl Chloride	00075014		364.0				µg/Kg			Soil			2018 RI Report, Table 2	
07/09/2018	IP-27	25 ft	IP-27-25	1,1-Dichloroethene		<	0.003	0.003			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	Acetone			0.0434				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	cis-1,2-Dichloroethene			0.127				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	Tetrachloroethene		<	0.003	0.003			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	Toluene		<	0.003	0.003			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	trans-1,2-Dichloroethene			0.0028			J	mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	Trichloroethene		<	0.003	0.003			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	25 ft	IP-27-25	Vinyl chloride			0.126				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	1,1-Dichloroethene			0.0031				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	Acetone			0.0318				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	cis-1,2-Dichloroethene			1.5300				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	Tetrachloroethene			0.0008			J	mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	Toluene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	trans-1,2-Dichloroethene			0.0351				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	Trichloroethene			0.0004			J	mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-27	26 ft	IP-27-26	Vinyl chloride			1.1700				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	1,1-Dichloroethene		<	0.0036	0.0036			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	Acetone			0.0568				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	cis-1,2-Dichloroethene		<	0.0036	0.0036			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	Tetrachloroethene			0.0030			J	mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	Toluene		<	0.0036	0.0036			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	trans-1,2-Dichloroethene		<	0.0036	0.0036			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	Trichloroethene			0.0006			J	mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	6 ft	IP-28-6	Vinyl chloride		<	0.0036	0.0036			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	1,1-Dichloroethene			0.0024				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	Acetone			0.0245				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	cis-1,2-Dichloroethene			0.7590				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	Tetrachloroethene			0.0368				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	Toluene		<	0.0017	0.0017			mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	trans-1,2-Dichloroethene			0.0062				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	Trichloroethene			0.0019				mg/kg			Soil			HHRA, 2019	
07/09/2018	IP-28	15 ft	IP-28-15	Vinyl chloride			0.0260				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	10.5 ft	IP-29-10.5	1,1-Dichloroethene		<	0.0028	0.0028			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	10.5 ft	IP-29-10.5	Acetone			0.0581				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	10.5 ft	IP-29-10.5	c														

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
07/10/2018	IP-29	10.5 ft	IP-29-10.5	Vinyl chloride			0.0011			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	1,1-Dichloroethene			0.0005			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	Acetone			0.0260			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	cis-1,2-Dichloroethene			0.1470				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	Tetrachloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	Toluene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	trans-1,2-Dichloroethene			0.0049				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	Trichloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-29	24.5 ft	IP-29-24.5	Vinyl chloride			0.0467				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	1,1-Dichloroethene		<	0.0021	0.0021			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	Acetone			0.0180			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	cis-1,2-Dichloroethene			0.2180				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	Tetrachloroethene			0.0004			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	Toluene		<	0.0021	0.0021			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	trans-1,2-Dichloroethene		<	0.0036				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	Trichloroethene		<	0.0021	0.0021			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	24.5 ft	IP-30-24.5	Vinyl chloride			0.0673				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	1,1-Dichloroethene		<	0.0033				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	Acetone			0.0454				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	cis-1,2-Dichloroethene			1.3900				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	Tetrachloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	Toluene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	trans-1,2-Dichloroethene			0.0175				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	Trichloroethene			0.0009			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-30	27 ft	IP-30-27	Vinyl chloride			0.6140				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	1,1-Dichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	Acetone			0.018			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	cis-1,2-Dichloroethene			0.0212				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	Tetrachloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	Toluene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	trans-1,2-Dichloroethene			0.0013			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	Trichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-31	24.5 ft	IP-31-24.5	Vinyl chloride			0.0006			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	1,1-Dichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	Acetone			0.1				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	cis-1,2-Dichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	Tetrachloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	Toluene			0.0005			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	trans-1,2-Dichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	Trichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	5 ft	IP-32-5	Vinyl chloride		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	1,1-Dichloroethene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Acetone		<	0.576	0.576			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	cis-1,2-Dichloroethene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Tetrachloroethene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Toluene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	trans-1,2-Dichloroethene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Trichloroethene		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Vinyl chloride		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-32	6.5 ft	IP-32-6.5	Vinyl chloride		<	0.0461	0.0461			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	1,1-Dichloroethene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	Acetone		<	0.983	0.983			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	cis-1,2-Dichloroethene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	Tetrachloroethene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	Toluene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	trans-1,2-Dichloroethene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	Trichloroethene		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	5 ft	IP-33-5	Vinyl chloride		<	0.0786	0.0786			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	1,1-Dichloroethene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	Acetone			0.0534				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	cis-1,2-Dichloroethene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	Tetrachloroethene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	Toluene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	trans-1,2-Dichloroethene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	Trichloroethene		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-33	10 ft	IP-33-10	Vinyl chloride		<	0.0026	0.0026			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	1,1-Dichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	Acetone			0.0299				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	cis-1,2-Dichloroethene			0.0035				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	Tetrachloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	Toluene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	trans-1,2-Dichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	Trichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	24.5 ft	IP-34-24.5	Vinyl chloride			0.005				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	1,1-Dichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	Acetone			0.0315				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	cis-1,2-Dichloroethene			0.0028				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	Tetrachloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	Toluene			0.0006			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	trans-1,2-Dichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	Trichloroethene		<	0.0024	0.0024			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-34	26.5 ft	IP-34-26.5	Vinyl chloride		<	0.0132				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-35	24.5 ft	IP-35-24.5	1,1-Dichloroethene		<	0.0027	0.0027			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-35	24.5 ft																

DateSampled	Location	Depth	SampleID	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleID	Method	Matrix	AnalysisDate	PreparationDate	LabBatchID or Source	QABatchID
07/10/2018	IP-35	24.5 ft	IP-35-24.5	Trichloroethene		<	0.0027	0.0027			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-35	24.5 ft	IP-35-24.5	Vinyl chloride			0.6770				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	1,1-Dichloroethene			0.0007			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	Acetone		<	0.0027	0.0027			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	cis-1,2-Dichloroethene			3.8600				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	Tetrachloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	Toluene			0.0005			BJ	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	trans-1,2-Dichloroethene			0.0583				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	Trichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	20.5 ft	IP-36-20.5	Vinyl chloride			0.2950				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	1,1-Dichloroethene			0.0019			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	Acetone			0.0330			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	cis-1,2-Dichloroethene			2.4300				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	Tetrachloroethene		<	0.0029	0.0029			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	Toluene			0.0016				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	trans-1,2-Dichloroethene			0.0149			BJ	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	Trichloroethene			0.0005			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-36	25 ft	IP-36-25	Vinyl chloride			0.9460				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	1,1-Dichloroethene			0.0027				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	Acetone			0.0325				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	cis-1,2-Dichloroethene			1.7900				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	Tetrachloroethene			0.0173				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	Toluene			0.0007			BJ	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	trans-1,2-Dichloroethene			0.0140				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	Trichloroethene			0.0098				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	25 ft	IP-37-25	Vinyl chloride			0.2860				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	1,1-Dichloroethene		<	0.0953	0.0953			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	Acetone		<	1.1900	1.1900			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	cis-1,2-Dichloroethene			2.6000				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	Tetrachloroethene			0.0940			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	Toluene		<	0.0953	0.0953			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	trans-1,2-Dichloroethene			0.0350			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	Trichloroethene			0.0280			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-37	28 ft	IP-37-28	Vinyl chloride			0.2080				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	1,1-Dichloroethene		<	0.0044	0.0044			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	Acetone		<	0.0544	0.0544			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	cis-1,2-Dichloroethene			0.0024			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	Tetrachloroethene			0.0014			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	Toluene		<	0.0044	0.0044			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	trans-1,2-Dichloroethene		<	0.0044	0.0044			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	Trichloroethene		<	0.0044	0.0044			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	14 ft	IP-38-14	Vinyl chloride		<	0.0044	0.0044			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	1,1-Dichloroethene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	Acetone			0.0389				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	cis-1,2-Dichloroethene			0.0138				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	Tetrachloroethene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	Toluene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	trans-1,2-Dichloroethene			0.0015			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	Trichloroethene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-38	17 ft	IP-38-17	Vinyl chloride			0.0136				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	1,1-Dichloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	Acetone			0.0160			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	cis-1,2-Dichloroethene			0.0251				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	Tetrachloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	Toluene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	trans-1,2-Dichloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	Trichloroethene		<	0.0025	0.0025			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-39	25 ft	IP-39-25	Vinyl chloride			0.0507				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	1,1-Dichloroethene			0.0006			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	Acetone			0.0230			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	cis-1,2-Dichloroethene			0.3110				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	Tetrachloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	Toluene			0.0006			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	trans-1,2-Dichloroethene			0.0022				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	Trichloroethene		<	0.0022	0.0022			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-40	24.5 ft	IP-40-24.5	Vinyl chloride			0.1880				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	1,1-Dichloroethene			0.0005			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	Acetone			0.0325				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	cis-1,2-Dichloroethene			0.1100				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	Tetrachloroethene		<	0.0021	0.0021			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	Toluene			0.0004			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	trans-1,2-Dichloroethene			0.0103				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	Trichloroethene		<	0.0021	0.0021			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-41	27 ft	IP-41-27	Vinyl chloride			0.2650				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	1,1-Dichloroethene		<	0.0575	0.0575			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	Acetone		<	0.7190	0.7190			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	cis-1,2-Dichloroethene			1.2200				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	Tetrachloroethene		<	0.0575	0.0575			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	Toluene		<	0.0575	0.0575			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	trans-1,2-Dichloroethene		<	0.0575	0.0575			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	Trichloroethene		<	0.0575	0.0575			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-42	31 ft	IP-42-31	Vinyl chloride			0.0280			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-44	27.5 ft	IP-44-27.5	1,1-Dichloroethene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-44	27.5 ft	IP-44-27.5	Acetone			0.0210			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-44	27.5 ft	IP-44-27.5	cis-1,2-Dichloroethene			0.0167				mg/kg			So				

DateSampled	Location	Depth	SampleId	AnalyteName	CAS	DetectFlag	Result	Reporting Limit	MethodDetectionLimit	Qualifier	Units	LabSampleId	Method	Matrix	AnalysisDate	PreparationDate	LabBatchId or Source	QABatchId
07/10/2018	IP-44	27.5 ft	IP-44-27.5	trans-1,2-Dichloroethene			0.0010			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-44	27.5 ft	IP-44-27.5	Trichloroethene		<	0.0023	0.0023			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-44	27.5 ft	IP-44-27.5	Vinyl chloride			0.0030				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	1,1-Dichloroethene		<	0.0510	0.0510			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	Acetone		<	0.6380	0.6380			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	cis-1,2-Dichloroethene			0.8040				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	Tetrachloroethene		<	0.0510	0.0510			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	Toluene		<	0.0510	0.0510			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	trans-1,2-Dichloroethene		<	0.0510	0.0510			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	Trichloroethene		<	0.0510	0.0510			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-45	29.5 ft	IP-45-29.5	Vinyl chloride			0.0140			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	1,1-Dichloroethene			0.0079			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	Acetone		<	0.6810	0.6810			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	cis-1,2-Dichloroethene			2.5500				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	Tetrachloroethene		<	0.0545	0.0545			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	Toluene		<	0.0545	0.0545			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	trans-1,2-Dichloroethene			0.0350			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	Trichloroethene		<	0.0545	0.0545			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	29.5 ft	IP-46-29.5	Vinyl chloride			0.0714				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	1,1-Dichloroethene		<	0.0019	0.0019			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	Acetone			0.0200			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	cis-1,2-Dichloroethene			0.1270				mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	Tetrachloroethene			0.0011			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	Toluene		<	0.0019	0.0019			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	trans-1,2-Dichloroethene			0.0007			J	mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	Trichloroethene		<	0.0019	0.0019			mg/kg			Soil			HHRA, 2019	
07/10/2018	IP-46	32 ft	IP-46-32	Vinyl chloride			0.0014			J	mg/kg			Soil			HHRA, 2019	