



Consultants in Natural Resources and the Environment

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**Supplemental Source Area Characterization Plan  
Implementation Report  
Thornton Shopping Center  
East 88<sup>th</sup> Avenue and Washington Street  
Thornton, Colorado**

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**Volume 1 - (Full Report without Appendix F - Laboratory Reports)**

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## **1.0 Introduction**

This Supplemental Source Area Characterization Plan Implementation Report (SSACP-IR) is submitted on behalf of the Thornton Development Authority (TDA), consistent with ERO's May 2024 Remedial Investigation and Corrective Measures Work Plan (Work Plan) (ERO 2024a), approved by the Colorado Department of Public Health and Environment (CDPHE) through the Hazardous Materials and Waste Management Division (Division) on July 3, 2024 (CDPHE 2024) and ERO's SSACP dated September 11, 2024 and approved by the Division on September 26, 2024. In addition, CDPHE granted a January 22, 2025 extension request by TDA and ERO to February 14, 2025 (Appendix G). The submittal of this SSACP-IR is consistent with Paragraph 23 of the Compliance Order on Consent (Consent Order) Number 24-02-01-01 between the TDA and the Division. The Consent Order outlines the compliance and schedule requirements for the remediation of the 15.86-acre Thornton Shopping Center, located at the northeast corner of East 88th Avenue and Washington Street in Thornton, Colorado. Within this SSACP-IR, "TSC Property" refers to the Thornton Shopping Center real property as shown on the attached figures, whereas "Site" refers to the extent of known impacts to the TSC Property as well as off-site areas associated with the historical release of tetrachloroethene (PCE) on the TSC Property. The TSC Property is shown on Figure 1.

The purpose of this SSACP-IR is to document up to date soil characterization data from the primary known PCE release area in order to quantify conditions in sufficient detail to develop the source-area remedial plan, evaluate waste management options, and design additional treatment of deeper soil contamination. Although more than 420 soil samples have been collected on the TSC Property as part of 2004 to 2022 characterization activities, source-area soil samples were collected with the former building in place, limiting the lateral and vertical ability to assess the conditions. The characterization described within this SSACP-IR was conducted in areas that were previously inaccessible within and adjacent to the primary source area at 8866 North Washington Street, as well as a suspected secondary PCE release area at the former dry cleaners at 8946 North Washington Street. In addition, areas of the sanitary sewer system on and off the TSC Property were evaluated for potential release points. ERO and TDA recognize site characterization is an iterative process, and that data obtained from the implementation of this plan may warrant additional investigation and/or specific assumptions to be acknowledged in the design of future workplans or remedial efforts.



## 1.1 Location and Physical Setting

The TSC Property is located at the northeast corner of East 88th Avenue and North Washington Street in Thornton, Colorado, generally in the SW 1/4 of Section 23, Township 2 South, Range 68 West of the 6th Principal Meridian. The TSC Property elevation is approximately 5,300 feet above mean sea level (AMSL) at the former shopping center building location. The land area is generally flat within the on-site areas of the TSC Property, with the off-site areas having a topographic slope downward to the northeast, north of the former shopping center building, and to the southeast, south of the former shopping center building.

The TSC Property is zoned for commercial land use. The building demolition was completed by July 2024; the original asphalt parking lot and concrete building foundations remain. The TSC Property is bounded on the north by commercial development; to the east by Corona Street followed by single and multi-family residential development; to the south by East 88th Avenue and commercial development, with multi-family and single-family development to the southeast – within unincorporated areas of Adams County; and by North Washington Street and commercial development to the west.

Historical records indicate the TSC Property was primarily used for agricultural land use until it was first developed with a commercial shopping center. The TSC Property buildings were constructed between 1955 and 1979 and were used for retail businesses, including multiple dry cleaners, an automotive parts and repair facility, a laundromat, a gasoline station, restaurants, and other retail stores until vacated in 2023. Historical records indicate three dry cleaners are known to have operated on the TSC Property since the 1960s at the addresses of 8866, 8876, and 8946 North Washington Street (ERO 2022). No dry cleaners currently operate on the TSC Property, and all buildings have been removed.

## 2.0 Supplemental Source Area Characterization

Although previous site characterization identified areas of significant PCE contaminant mass, all prior investigations occurred with the former building in place and active occupancy, thereby limiting the accessibility and depth of investigation. With the former buildings removed, additional source area assessment was performed between October 2024 and January 2025 without the restrictions previously imposed by the building and tenants. The source area remedial strategy is anticipated to be excavation and off-site disposal of highly-contaminated soils within the source area of 8866 North Washington Street. In general, this source area characterization:

- Drilled 52 shallow soil borings and three deep soil borings within the source area to delineate the limits and likely depth of accessible PCE-contaminated bedrock/soil proposed for anticipated excavation remediation;
- Installed nine deep groundwater wells around the source area to further characterize deep groundwater impacts; and
- Provided data to develop preliminary remediation excavation designs.

As described below, 52 shallow soil borings were drilled to target depths of about 23 feet below ground surface (bgs) on approximate 20-foot centers within and surrounding the source area (Figure 2). Three

additional, deep soil borings were also drilled to evaluate deep bedrock conditions to supplement the data from nine deep groundwater well installations discussed in Sections 2.2.2 and 4.0.

Pace Analytical Laboratory in Mt. Juliet, Tennessee was the analytical laboratory for all samples submitted as part of this workplan implementation. Upon completion of drilling or well installations, all soil borings/monitoring wells were professionally surveyed to Colorado State Plane coordinates by a Colorado Professional Land Surveyor.

## **2.1 Shallow Soil Borings**

Between October 28 and November 5, 2024, ERO supervised the drilling of 52 shallow soil borings using direct-push technology (DPT) to drill to bedrock refusal, generally encountered between 18 and 24 feet bgs. During drilling, continuous samplers fitted with a new polybutyl sample sleeve were used to obtain 5-foot-long continuous cores of the subsurface at each location. Because of the unknown location of subsurface water utilities outside of the footprint of the original building, borings within this area were hand augered to a depth of 5-feet bgs prior to mechanical drilling. Upon completion of each 5-foot drilled interval, the sampler was removed, leaving the outer drill rods in the bore. The sampler was then opened, revealing the soil core within a polybutyl sample sleeve. The sleeve was then cut open to expose the soil core, the core logged by a qualified geologist for lithology, staining, and olfactory indications of contamination, and screened with a photoionization detector (PID) with a 10.6-electronvolt lamp capable of detecting VOCs. A soil sample from the appropriate interval was collected and a new polybutyl sample sleeve was then inserted into the lead rod and the process repeated until mechanical refusal.

### **2.1.1 Perimeter Borings**

The purpose of these borings was to define the lateral extent of soil contamination to delineate the extent of anticipated excavation design. During drilling, discrete soil samples were collected from the location within each 5-foot core with the highest PID reading and/or any observed staining or olfactory indication of suspected contamination. As most cores did not show indications of suspected contamination, samples were collected from the mid-point of each 5-foot core recovered. In addition, one soil sample was collected from the base of each boring if recovery permitted.

All samples were collected directly from the soil core, packed into laboratory-provided, certified clean, glass sample jars, labeled, and placed on ice for transport to the laboratory for analysis of VOCs associated with dry cleaners (tetrachloroethene [PCE], trichloroethene [TCE], cis-1,2-dichloroethene [cis-1,2-DCE], trans-1,2-dichloroethene [trans-1,2-DCE], 1,1-dichloroethene [1,1-DCE], and vinyl chloride [VC]) by EPA Method 8260B.

Based on the initial soil sample results from borings, three additional perimeter soil borings (“step-out” borings) were completed in the northwestern portion of the source area to delineate the limits of PCE soil contamination beneath the former building. As shown on Figure 2, a total of 25 perimeter borings were installed, including three step-out borings.

#### **2.1.1.1 Perimeter Borings Results**

Boring logs are presented in Appendix C, sample field sheets in Appendix E, and laboratory sheets in Appendix F. Boring logs show subsurface conditions generally consisted of silty clay to clayey sand across the site. Elevated PID readings were detected in borings B+0 and C+0 in the northwest portion of the source area at depths of 13 and 10 feet bgs, respectively. Elevated PID readings were detected along the southeast boundary in borings F+8, G+8, H+4, H+6, and H+8, generally at depths greater than 15 feet bgs.

Based on the laboratory results for PCE, presented in Table 3 (Appendix B), shallow soil PCE results delineate the north, west and northeast source area concentrations to the U.S. EPA Regional Screening Levels (RSLs) for the MCL-based Protective of Groundwater value of 0.0023 milligrams per kilogram (mg/kg) (EPA 2024). Sample results indicate elevated PCE concentrations up to 66 mg/kg in the southeast portion of the investigation area at depth of 19 to 23 feet bgs (boring H+8). A more detailed discussion of the perimeter soil results is presented below, referencing the detail shown on Figure 4.

**North Boundary (Borings A+0 through A+8)** – PCE was not detected in any boring at any depth above the laboratory reporting limit.

**West Boundary (Borings A+0, B-2, C-2, D-2, E+0, F+0, G+0, and H+0)** – Data from the initial perimeter borings B+0 and C+0 identified PCE concentrations up to 25 mg/kg at a depth of 10 feet bgs (sample ID: SAC-C+0-10), necessitating a westerly step-out for three additional borings (identified as borings B-2, C-2, and D-2). PCE was not detected in any of the step-out borings above the laboratory reporting limit. PCE was detected in two locations along the west boundary at a depth of 17.5 feet bgs in boring E+0 (PCE = 0.0199 mg/kg, sample ID: SAC-E+0-17.5) and at 7.5 feet bgs in boring F+0 (PCE = 0.00149 mg/kg; sample ID: SAC-F+0-7.5). PCE was not detected at any other depths above the laboratory reporting limits, with the exception of detections at the southwest corner up to 0.00925 mg/kg in boring H+0 (sample ID: SAC-H+0-21.5).

**East Boundary (Borings A+8 through H+8)** – PCE was not detected in any boring at any depth above the laboratory reporting limit for the north half of the east boundary borings (borings A+8, B+8, and C+8). The southern half of the east borings contained detectable PCE concentrations up to 66 mg/kg (sample ID: SAC-H+8-19). In general, PCE concentrations increase to the south and with depth, toward the high PCE concentrations detected in boring H+8.

**South Boundary (Borings H+0 through H+8)** – PCE concentrations in soils along the south boundary generally increased to the east, with concentrations below 0.16 mg/kg (sample ID: SAC-H+6-23) increasing to the east to boring H+8 with a PCE concentration of 66 mg/kg (sample ID: SAC-H+8-19) at 19 feet bgs.

#### **2.1.2 Interior and Sanitary Sewer Borings**

Borings interior to the perimeter borings described above were used to characterize soils within the excavation area to understand the current level of site contamination and potential transport pathways, including former sewer lines. As listed in Table 3 and shown on Figure 2, 13 interior borings and nine borings were installed along the sanitary sewer lines and manholes.

#### *2.1.2.1 Interior Boring Results*

Boring logs are presented in Appendix C, sample field sheets in Appendix E, and laboratory sheets in Appendix F. In addition to the discussion above, lab results presented in Table 3 also show the following:

**Shallow soils (0-10 feet bgs)** – In general, results from the interior borings indicate shallow soil PCE concentrations up to 0.0732 mg/kg between the surface and 10 feet bgs, primarily concentrated in the original source area (borings B+2 to D+4).

**Mid-depth soils (11-19 feet bgs)** – Soils at mid-depths continue to show elevated PCE concentrations in the source area up to 0.772 mg/kg at boring B.5+1.

**Deep soils (20+ feet bgs)** – Deep soils contain PCE concentrations up to 6.25 mg/kg within the source area (boring D+2) but also indicate an increase in deeper soil PCE concentrations throughout the source area. Only one location (boring C+2) showed indications of the historical BOS-100 injections within the interior source area.

#### *2.1.2.2 Sanitary Sewer Boring Results*

Boring logs are presented in Appendix C, sample field sheets in Appendix E, and laboratory sheets in Appendix F. As presented in Table 3, soil borings installed next to or near the sanitary sewer lines in the rear/south of the former building (borings F+6, F+7, F.5+6, G.5+3, and G.5+5) identified elevated PCE concentrations in subsurface soils, whereas soils from borings along the downstream flow of the sewer line that extends through and north of the former building (borings A+7, B.5+7, C.5+7, and D.5+7) did not contain detectable PCE concentrations.

The highest sewer line PCE concentration detected during this investigation was from 11 feet bgs at boring F+6 (sample ID: SAC-F+6-11), located along the sanitary sewer line leading to manhole G06013 south of the 8876 North Washington Street (Figure 4). The invert depth of the sewer line at the manhole was measured to be 8.6 feet bgs. In addition, many of the soils within this area of the sewer lines were also the few that contained detectable concentrations of degradation products TCE and cis-1,2 DCE (see borings F.5+6 and F+6). Based on these results, it appears that the sanitary sewer lines south of the former building were a significant release point for PCE, however the sanitary sewer utility does not appear to have acted as a significant contaminant migration corridor as PCE was not detected in the “downstream” borings along the sewer line.

#### *2.1.3 Waste Characterization Borings*

Waste characterization borings were intended to provide depth-related bulk soil data to evaluate waste management, soil treatment, health and safety, and waste disposal options for remedial action design. The borings were placed within the expected footprint of a source area remedial excavation. During drilling, as each 5-foot length of sample core was retrieved, and opened as described above, all soil from the sample sleeve was placed in a new Zip-Lock bag, the bag sealed and thoroughly mixed. One composite sample representing the 5-foot interval was then collected from the resulting mixture. Composite samples were packed into laboratory-provided, certified clean glass sample jars, labeled, and

placed on ice for transport to the laboratory for analysis of total VOCs by EPA Method 8260B under chain of custody protocols. A total of eight waste characterization borings were drilled.

#### ***2.1.3.1 Waste Characterization Boring Results***

Boring logs are presented in Appendix C, sample field sheets in Appendix E, and laboratory sheets in Appendix F. As shown in Table 3, with the exception of soils from boring C+2, none of the composited soil sample results from the waste characterization borings exceeded 0.334 mg/kg for PCE. PCE was detected in composite soils from boring C+2 between a range of 43.9 and 348 mg/kg for soils between 5 and 24 feet bgs.

Because of the elevated PCE concentrations in composite samples from boring C+2, four samples were analyzed for VOCs by the Toxicity Characteristic Leaching Procedure (TCLP). As shown in Table 4, sample SAC-C+2 (15-20) exceeded the TCLP limit of 0.7 mg/L for PCE with a concentration of 1.86 mg/L. The remaining sample results were less than the TCLP limit.

## **2.2 Deep Soil Borings**

Additional assessment to further delineate the deep PCE source mass for evaluation and design of treatment alternatives was conducted around the perimeter of the source area. Because of the significant PCE soil concentrations within the source area discussed above, ERO and TDA proposed delaying the vertical delineation of source area PCE soils until after the removal of the overlying soils to limit the potential for vertical cross-contamination of shallow PCE into deeper bedrock zones and proposed three perimeter deep soil borings to be completed as part of this workplan. CDPHE approved this approach by email on January 23, 2025 (Appendix G).

Three deep soil borings were completed around the perimeter of the source area using sonic drilling technology. A sonic drilling rig was used to obtain a continuous subsurface core between the surface and 60 feet bgs in three shallow boring locations A+0, D-2, and C+8, none of which contained detectable PCE concentrations during the shallow drilling described above. The approved locations were drilled with soil cores logged for lithology and field-screened with a PID in the same manner as the shallow assessment. During drilling, one soil sample per 5-foot section was collected in the same manner as described above and submitted for VOC analysis by EPA Method 8260. In addition, three soil samples were collected during the drilling of deep boring D-2D at 25, 35, 43, and 52 feet bgs and analyzed for total organic carbon for potential later use in remediation design.

Additional deep soil characterization was conducted during the installation of deep groundwater monitoring well clusters as part of the Long Term Groundwater Monitoring Plan (LTGMP; ERO 2024b) implementation. Three well clusters (MW-45, MW-46, and MW-47) were drilled using sonic drilling technology with the deepest well continuously cored and sampled in the same manner as the deep soil borings at 5-foot intervals across the full depth of the well. The deep wells at each cluster were drilled to 60 feet bgs at each location, with shallower wells drilled adjacent to the deep well. Wells are identified by the nomenclature outlined in Table 2 and shown on Figure 2.

### **2.2.1 Deep Soil Boring Results**

Soil results from deep soil borings are shown on Table 5. Boring logs are presented in Appendix C, sample field sheets in Appendix E, and laboratory sheets in Appendix F. Deep boring locations A+0 in the northwest corner of the source area and D-2 in the west boundary of the source area did not contain detectable PCE in soils between the surface and 60 feet bgs. As noted above, shallow soil samples from each of these two borings did not contain detectable PCE concentrations.

Although shallow soils sampled from soil boring C+8 did not contain detectable PCE concentrations, deeper soils sampled contained PCE concentrations up to 0.211 mg/kg at 42.5 feet bgs. PCE was not detected in soils between the surface and 32.5 feet bgs, however PCE was detected in most of the samples collected between 37 feet and 57.5 feet bgs. PCE was not detected in the base soil/bedrock sample from 60 feet bgs.

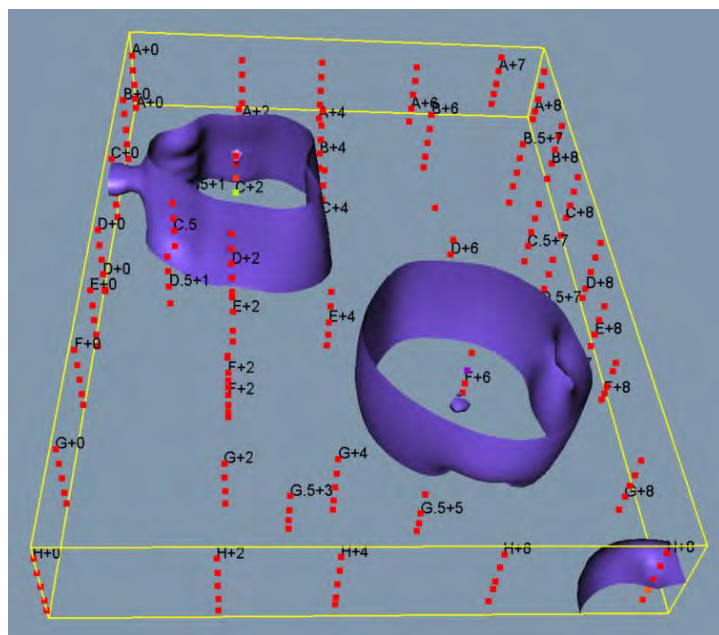
### **2.2.2 Deep Groundwater Well Soil Results**

A full discussion of the deep groundwater well installation and sampling will be provided in the LTGMP to be submitted to the Division, however results from the soil sampling during installation are presented in Table 5 and discussed below:

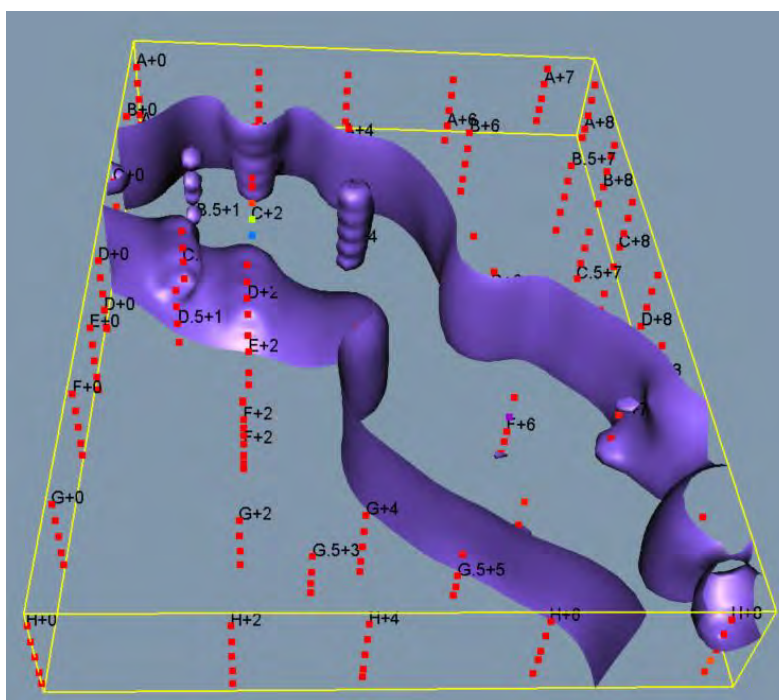
- Soils sampled during the drilling of MW-AD (renamed MW-45) did not contain detectable PCE concentrations.
- Soils sampled during the drilling of MW-BD (renamed MW-47) contained a detectable PCE concentration of 0.0105 mg/kg at a depth of 23 feet bgs (sample ID: MW-BD-23). PCE was not detected above laboratory reporting limits in any of the other samples from this location.
- Soils sampled during the drilling of MW-CD (renamed MW-46) contained detectable concentrations of PCE at 22.5 feet bgs (0.00115 J mg/kg in sample MW-CD-22.5) and 27.5 feet bgs (0.0014 J mg/kg in sample MW-CD-27.5). Both results were qualified as detected above the method detection limit but below the laboratory reporting limit. PCE was not detected above laboratory reporting limit in any of the other samples from this location.

## **2.3 Discussion**

Based on the results of the source area shallow borings, limited evidence of the historical BOS treatment solution injections was observed and significant PCE mass remains within the source area. Using the survey coordinates of the soil borings, ERO modeled the results using Golden Software Voxler 3-D graphic program to visualize the distribution of PCE in the subsurface at the source area. In general, as shown in Illustration 1 below, PCE concentrations in soils appear to be centralized in two locations – the original source area within 8866 North Washington and in the general area of the sewer southeast of the source area. The high PCE concentrations with depth to the southeast is presumed to be indicative of potential DNAPL migration along the top of the competent bedrock that causes mechanical refusal to DPT drilling. In addition, as shown in Illustration 2 of the same data, but with a lower isocontour concentration (6 mg/kg), a strong northwest-southeast trend to elevated soil PCE concentrations is present – generally consistent with groundwater flow.



**Illustration 1.** VOXLER interpretation of shallow PCE soil results (0-24 feet bgs). Isosurface contour of 10 mg/kg. View is elevated at the south, looking north.



**Illustration 2.** VOXLER interpretation of shallow PCE soil results (0-24 feet bgs). Isosurface contour of 6 mg/kg. View is elevated at the south, looking north.

Based on the results of the deep soil borings and deep groundwater monitoring wells, deep soil PCE impacts appear to be delineated to EPA RSLs. Elevated PCE concentrations within sandstones at C+8 are likely to be associated with source-area deep PCE concentrations previously documented, however further deep soil delineation within the source area remains to be completed upon removal of the shallow soils.

## 2.4 Quality Assurance/Quality Control

Quality assurance and quality control (QA/QC) consisted of standardized field sheets used to track all field activities and collection of duplicate samples for site investigation samples. Field sample sheets are included in Appendix E.

A total of nine duplicate samples were collected during the assessment, of which only four sample sets contained detectable PCE concentrations to permit evaluation of relative percent differences (RPD) between analysis runs. As shown below in Table 1, RPD ranged from 10 to 140 percent between samples. This is interpreted to be indicative of the innate variability within soil sampling and challenge of duplicating results from discrete samples.

**Table 1. Duplicate sample RPD evaluation.**

Sample ID	PCE Result (mg/kg)	RPD
SAC-G-5+5-15.5	0.00505	10%
SAC-G-5+5-15.5D	0.0056	
SAC-C.5+1-11.5	0.0149	140%
SAC-C.5+1-11.5D	0.0839	
SAC-B+2-2.5	0.0335	138%
SAC-B+2-2.5D	0.00613	
SAC-D+2-12.5D	0.00735	73%
SAC-D+2-12.5	0.00343	

In addition, ERO reviewed the case narratives, lab data qualifiers, and sample dilutions provided by the laboratory and did not identify any anomalies that would question the validity of the soil data. Items noted include:

- Four samples from boring C+0 were qualified as being analyzed outside of hold times, however in each instance, PCE was detected at elevated concentrations. Because the results were used to justify step-out borings, the qualified data from boring C+0 does not materially change the conclusions of the assessment.
- The laboratory method detection limits (MDLs) for PCE in non-diluted samples ranged from 0.000896 to 0.000905 mg/kg, all less than the PCE EPA RSL for groundwater protection of 0.0023 mg/kg. In addition, the only elevated MDLs due to sample dilution reported were for samples with elevated PCE results.



- Although the laboratory reporting limits (0.00250 mg/kg to 0.00253 mg/kg) were above the EPA RSL for groundwater protection, the laboratory reported qualified results (“J” flagged) for detections above the MDL but below the reporting limit.

Based on this review, ERO did not identify any results that would materially impact the interpretation of PCE data as presented by the laboratory.

## **3.0 8946 North Washington Street Assessment**

### **3.1 Background**

A dry cleaner operated at 8946 North Washington Street since at least 1980 (ERO 2022). No interior assessment of the operations as a potential secondary source has been conducted with the exception of exterior groundwater monitoring wells MW-03, MW-04, and MW-08 (Figure 3), all of which have reported PCE groundwater concentrations (ERO 2024b). Without the building in place, this assessment consisted of drilling six soil borings within the footprint of the building to evaluate subsurface soils for indications of a historical release (borings 8946-1 through 8946-7), one outside the rear door of the facility (boring 8946-8) and two borings along the sanitary sewer line as it exits the building and joins the main line (borings 8946-9 and 8946-10). Two borings (8946-2 and 8946-6) were completed as groundwater monitoring wells and incorporated into the site-wide groundwater monitoring.

### **3.2 Soil Boring and Well Installations**

Soil borings were drilled using DPT to drill to bedrock/mechanical refusal in the same manner as described above for source area borings. During drilling, soil samples were collected from the interval with the highest PID reading and/or location of any observed staining or olfactory indication of suspected contamination. In addition, soil samples were collected from the approximate water table and at the base of each boring. Only one soil boring identified suspected contamination (8946-1) at a depth of 7 feet bgs. The discrete soil samples were collected directly from the core within the sample sleeve, packed into laboratory-provided, certified clean glass sample jars, labeled, and placed on ice for transport to the laboratory for analysis of VOCs associated with dry cleaners by EPA Method 8260B under chain-of-custody procedures.

Upon reaching the total depth of drilling, two groundwater monitoring wells (8946-2 and 8946-6) were installed in borings easterly of each former (or suspected) machine area. The wells consist of 15 feet of new, factory-slotted (0.010-inch), 1-inch-diameter polyvinyl chloride (PVC) well screen across the water table with plain casing to the surface. The total depth of each well was 23 feet bgs. A filter pack consisting of clean silica sand was placed in the borehole to a depth of 2 feet above the well screen. The annular space in the borehole was sealed above the sand pack with a hydrated bentonite seal. The wells were completed with a traffic-rated cover concreted to the building foundation. Soil boring and well completion logs are attached in Appendix C. Wells were developed within 2 weeks of installation and were sampled in January 2025 as part of the LTGMP (ERO 2024b).

### **3.3 Laboratory Results**

#### **3.3.1 Soil Results**

Soil results are shown on Table 6 with laboratory sheets included in Appendix F.

In general, PCE soil concentrations within 8946 North Washington Street ranged from below detection limits to a maximum of 0.14 mg/kg (sample ID: 8946-3-13) at a depth of 13 feet bgs. PCE was detected in all soil samples collected at the water table in all interior soils sampled. Three interior locations (8946-3, -4, and -6) also contained detectable PCE in soils at the base of the borings.

None of the soil borings from the exterior or along the sanitary sewer line from the facility (8946-8 through 8946-10) contained detectable PCE in soils.

#### **3.3.2 Groundwater Results**

Groundwater was measured in January 2025 within the two wells (8946-2 and 8946-6) between 11.3 and 11.9 feet bgs, respectively. Groundwater sample results indicate PCE concentrations well above the CBGWS with concentrations of 1.38 milligrams per Liter (mg/L) in 8946-2 and 0.502 mg/L in 8946-6 (Laboratory sheets included in Appendix F). These concentrations are significantly higher than the historical range of PCE concentrations from wells MW-03 (less than detection limit up to 0.0289 mg/L), MW-04 (0.0059 mg/L to 0.179 mg/L), and MW-08 (less than detection limit up to 0.0029 mg/L) located around the perimeter of the former facility (ERO 2024b).

Historical groundwater flow in the area of the 8946 North Washington Street has been easterly to southeasterly.

### **3.4 Discussion**

Based on the easterly to southeasterly historical groundwater flow in the area surrounding 8946 North Washington Street and the PCE concentrations detected within the footprint of the former dry cleaner at this location, a release from this facility, separate from the release identified at the 8866 North Washington Street, has resulted in detectable concentrations of PCE in soils and groundwater contamination above current standards. The soil characterization data does not appear to indicate the release was to the sanitary sewer or was influenced by the sanitary sewer utility corridor. Current and historical groundwater data indicates the groundwater contamination is defined to the north and south by existing wells, but the easterly extent remains undefined by the current groundwater monitoring well network.

## **4.0 Deep Groundwater Characterization**

The workplan for deep groundwater characterization was outlined in ERO's LTGMP (ERO 2024b) and was implemented concurrently with this characterization workplan. Soil sampling results are discussed in Section 2.2.2 and a summary of the January 2025 groundwater sampling (to be presented in the LTGMP reporting) is presented below:

- MW-45 well cluster (identified in workplans as Cluster A) – PCE was not detected in groundwater sampled from any of the three wells in the cluster during the January 2025 sampling event.
- MW-46 well cluster (identified in workplans as Cluster C) – PCE was not detected in groundwater sampled from any of the three wells in the cluster during the January 2025 sampling event.
- MW-47 well cluster (identified in workplans as Cluster B) – The mid-depth well MW-47 48-53 contained an estimated PCE concentration of 0.000542 J mg/L – qualified as below the reporting limit, but above the laboratory detection limit. The shallower well at this cluster (MW-47 40-45) did not contain detectable PCE concentrations and the deep well (MW-47 55-60) was dry.

## 4.1 Discussion

Based on these results, the deep groundwater appears to be delineated to the north, east and west by the current well network and additional delineation is not warranted at this time.

## 5.0 Sanitary Sewer Line Assessment

Historical sanitary sewer lines present potential release points for sites with known historical hazardous materials releases. The sanitary sewer lines for the site are identified on the publicly available City of Thornton Infrastructure Utility Network Mapping (City of Thornton 2025), generally summarized below, and illustrated on the referenced figures.

**8866 Washington Street** – The sanitary sewer line for the source area facility exited out the south of the 8866 North Washington Street unit and intersects with the main line for the entire facility south of the unit (Figure 2). Drainage within the line was to the east, then north under the building, and eventually easterly off the TSC Property down the alley between Oak Place and East 89<sup>th</sup> Avenue.

**8946 Washington Street** – The sanitary line for this facility exited out the rear/east door of the facility and connected to the main line southeasterly of the unit building. As noted above, the main line continued easterly down the alley between Oak Place and East 89<sup>th</sup> Avenue (Figure 3).

Prior to building demolition and after all water to the TSC Property had been turned off, the sanitary sewer line for the TSC property was cut and abandoned west of manhole G06018 within the driveway off Corona Street (Figure 3). No active sewer remains for the TSC Property.

## 5.1 Sewer Line Scoping and Assessment

The City of Thornton Utilities Department has historically scoped accessible portions of the sanitary sewer line as part of utility maintenance activities. Footage was obtained for the segment between manholes G01017 and H01010 and review for potential release points and pipe conditions that may indicate breaches in the lined.

### **5.1.1 On-Site Sewer Line**

The sanitary line between G01017 and G01018 showed the locations of service lines entering the sewer line as well as a “hole” in the bottom of the pipe located about 230 feet easterly of manhole G01017. This “hole” is placed within the center of the entry drive to the TSC property. Because of the age of the sewer line, the lack of any future use, lack of on-site water or sewer connection, and high potential for multiple release points along the sewer line, no additional on-site sewer scoping was proposed or conducted as part of the SSACP. Details of the review are presented below:

#### **Manhole G06017 to G06018**

**Total length:** 296 feet, full length surveyed  
**Pipe construction:** Concrete  
**Breaches/offsets:** “Hole” in pipe at 230 feet from G06017  
**Date of Survey:** 3/1/24

The sanitary sewer line between manholes G06009 and G06018 is planned for removal as part of site remedial excavation activities. The sewer line will be excavated, sewer utility trenching and surrounding soils will be inspected for indications of release, and representative soil samples along the corridor will be collected to document conditions. Further details of the on-site sewer excavation will be provided in the source area excavation workplan.

### **5.1.2 Off-site Sewer Line**

The sanitary sewer line easterly of manhole G06018 and Corona Street is currently listed as an 8-inch PVC line with notations that the line was part of the original sanitary sewer line and was replaced in 1987 (City of Thornton 2025). Routine camera inspection footage was obtained from the City of Thornton Utilities Department for the sections manholes G06018 and H06012 and was reviewed for indications of potential release points (Figure 5). Screen shots of the initial camera view are provided in Appendix D. About 20 feet of footage downstream of manhole H06012 was available, however an extended service line into the sewer main prevented any further video of the pipe. The results of the review of off-site sewer inspection footage are highlighted below:

#### **Manhole G06018 to H06012**

**Total length:** 313 feet, full length surveyed  
**Pipe construction:** PVC  
**Breaches/offsets:** None  
**Date of Survey:** 3/3/22

#### **Manhole H06012 to H06010**

**Total length:** 400 feet, only 20 feet accessible due to extended service line  
**Pipe construction:** PVC  
**Breaches/offsets:** None  
**Date of Survey:** 3/3/22

## **5.2 Discussion**

Based on the review of available footage for on-site sewer utilities, removal and assessment of subsurface conditions during the removal of the sewer utility between manholes G06009 and G06018

will identify and characterize potential release points within the corridor, including a “hole” identified about 230 feet east of manhole G06017 that would be in the center of the former driveway.

Based on the reviewed footage for off-site sewer utilities, the off-site footage confirms that the service main line is PVC, consistent with City of Thornton Utilities database. Further evaluation of the sewer corridor is recommended to be contingent on results of off-site plume assessment being conducted under the LTGMP.

## **6.0 Investigation-Derived Waste (IDW) Management**

### **6.1.1 Solid IDW**

During drilling, all soils were containerized at the point of generation, within DOT-rated 55-gallon steel drums. Containers were labeled with the well location, soil interval depths, and date of initial generation and assigned a container inventory number for the project waste database. Containers were moved at the end of each day of drilling to the central waste accumulation area and stored in the secured TSC Property.

To characterize waste soils generated during drilling activities, ERO used either investigation-related data or collected independent, representative soil samples from specific drums. The specific method of characterization of each waste stream is presented to the Division within correspondence requesting contained-out determinations. All waste characterization samples were submitted under chain of custody protocols for total VOC analysis by EPA Method 8260B. As of the date of this report, no soils have been disposed, however several contained-out determination request have been submitted to CDPHE for approval and approvals received. Management of the IDW is an ongoing activity.

## **6.2 Liquid IDW Management**

### **6.2.1 Liquid IDW Accumulation**

Groundwater and decontamination water generated during the implementation of this workplan was collected and containerized as liquid IDW. Decontamination waters were placed in DOT-rated, new 55-gallon steel drums staged within a secondary containment storage area within the secured TSC Property. The drums are in good condition, kept closed following generation, labeled appropriately, and stored in accordance with CHWR. No liquid IDW associated with investigation activities described herein has been disposed of as of the date of this report. Management of the IDW is an ongoing activity.

## **6.3 Waste Tracking**

All drums or containers used for IDW storage are currently tracked within the site database (Appendix H) and no disposal events associated with implementation of this plan have occurred.

Completed waste manifests from all waste disposal events will be included within future reports.

## 7.0 Conclusions

### 7.1 Source Area Remedial Action

Site characterization data from this assessment indicates the release associated with the former dry cleaner at 8866 North Washington Street was likely in two locations – within the former facility and within the sanitary sewer connections to the southeast of the facility. Data indicates a strong southeasterly trend to PCE soil contamination indicating contaminant migration likely influenced by groundwater flow. PCE soil concentrations in both source areas are indicative of the potential for free-phase product remaining within the subsurface.

#### ***7.1.1 Conceptual Remedial Action Excavation Workplan***

With the former structure removed, the most efficient method for reducing mass within the source area is anticipated to be excavation and off-site disposal of contaminated soils to be presented under a Remedial Action Excavation Workplan. The workplan will detail the proposed excavation of the source area within the bounds of the shallow source area soil borings, the off-site disposal of contaminated soils at an appropriate facility, the documentation of removal, and placement of any deep-soil treatment infrastructure. In general, the workplan is anticipated to include the following:

*Pre-Excavation Utility Clearances.* The locations of live water service lines are unknown to the City of Thornton Utilities Department and private locating services have attempted to use ground penetrating radar in addition to traditional methods without success. The initial phase of site preparation for any excavation work will consist of potholing across the southern portion of the TSC to accurately locate live water utilities such that they can be properly capped prior to intrusive activities.

*Waste Characterization.* To maximize the efficiency of any excavation, excavated soils will be proposed for segregation based on results of this SSACP into groups to facilitate regulatory and waste management approvals. The remedial action workplan will identify the soil groups and provide the supporting documentation and rationale for varying characterization, treatment, and/or management alternatives.

*Excavation Design.* Because the depth of the excavation is likely to be greater than 20 feet bgs, the excavation will require design for slope stability, efficient overburden and contaminated soil removal/staging, and site safety and security. Excavation will also include the removal of the sanitary sewer system as discussed below. In addition, the excavation will require sufficient design to permit a competitive bidding process.

*Dewatering Design.* The source area excavation is anticipated to be greater than 20 feet deep and will be conducted in an area with historical groundwater levels of between 11 and 14 feet bgs (ERO 2024b). Because of the potential to encounter significant volumes of contaminated groundwater, a dewatering plan, treatment system, and discharge permitting will have to be designed, contracted, and installed prior to the start of substantial construction.

*Excavation.* Once the design is completed, approved, and contracting is in place, the remedial excavation plan will be implemented and seek to remove the maximum volume of contaminated soils as feasible.

*Deep Soil Assessment/Treatment Infrastructure.* Because deep soil source area was not fully characterized during the implementation of the SSACP, the workplan will include an approach to evaluating deep soils within the source area as well as detailing likely in-situ treatment infrastructure to place prior to any backfilling of an excavation.

*Documentation and Performance Monitoring.* The workplan will include steps for the documentation of site removal actions, confirmation sampling protocols and contingencies, field and survey requirements, completion details, surface restoration, and performance criteria for the completion of the excavation activities.

*Schedule.* Although some activities such as water utility locating are expected to be performed prior to a workplan submittal, the workplan will be submitted by April 15, 2025 and include a realistic implementation schedule.

## **7.2 8946 North Washington Street**

Site characterization data from this assessment indicates a separate release associated with the former dry cleaner at this location has resulted in detectable PCE soil concentrations and groundwater PCE concentrations above standards. The extent of groundwater impacts is defined to the north and south by the existing well network, however additional assessment of the easterly, downgradient extent is required.

Because the downgradient extent is off the TSC Property and likely comingles with the primary TSC groundwater plume, additional, off-site groundwater assessment is part of additional groundwater plume delineation tasks associated with the LTGWP.

Based on the known extent of on-site soil PCE impacts, the presumed source area for the 8946 North Washington Street site will be addressed as part of the overall site-wide TSC source area remediation. Anticipated remedial action to be presented in a source area workplan is expected to consist of excavation and off-site disposal of impacted soils to be included within the workplan referenced above in Section 7.1.

## **7.3 Sanitary Sewer Lines**

Based on the review of available footage for on-site sewer utilities, removal and assessment of subsurface conditions during the removal of the sewer utility between manholes G06009 and G06018 will identify and characterize potential release points within the corridor. This removal will be incorporated into the workplan referenced above in Section 7.1.

Based on the reviewed footage for off-site sewer utilities, the off-site footage confirms that the service main line is PVC, consistent with City of Thornton Utilities database. Further evaluation of the sewer corridor will be contingent on results of off-site plume delineation tasks within the LTGMP.

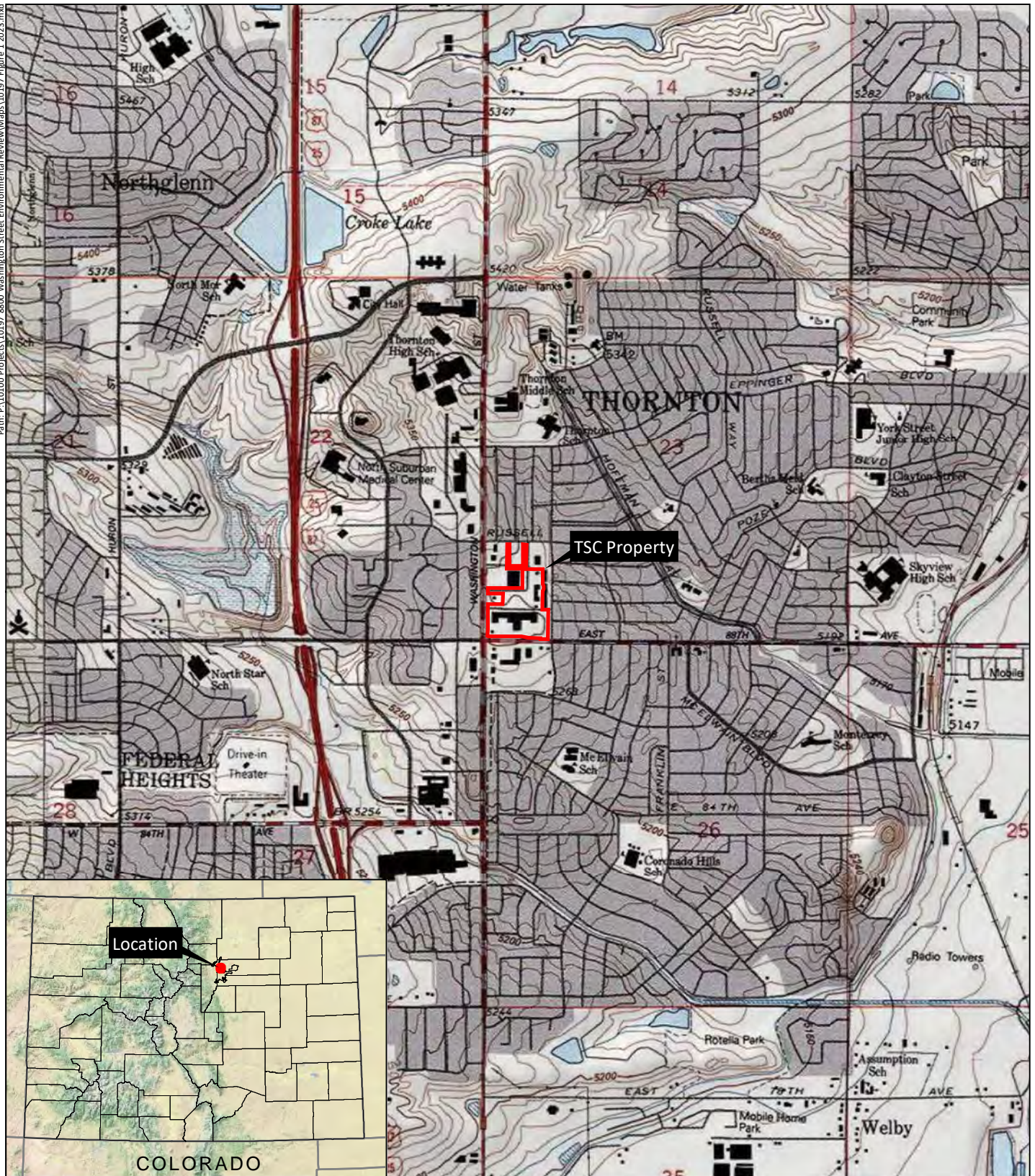


## 8.0 References

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- Colorado Department of Public Health and Environment (CDPHE), Hazardous Materials and Waste Management Division (HMWMD). 2002. Appendix 2 – Contained-Out Determination procedure for Environmental Media Contaminated with RCRA Hazardous Waste. May.
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- ERO Resources Corporation (ERO). 2022. Phase I Environmental Site Assessment - Thornton Shopping Center, NE of North Washington Street at East 88th Avenue, Thornton, Colorado. November 11.
- ERO Resources Corporation (ERO). 2024a. Remedial Investigation and Corrective Measures Work Plan, Compliance Order on Consent Number: 24-02-01-01, Thornton Shopping Center, East 88th Avenue and Washington Street, Thornton, CO 80229. May.
- ERO Resources Corporation (ERO). 2024b. Long Term Groundwater Monitoring Plan, Compliance Order on Consent Number: 24-02-01-01, Thornton Shopping Center, East 88th Avenue and Washington Street, Thornton, CO 80229. July 18.
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<https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables>. November.

## **Appendix A Figures**





### Thornton Shopping Center

Section 23, T2S, R68W; 6th PM

UTM NAD 83: Zone 13N; 502054mE, 4411959mN

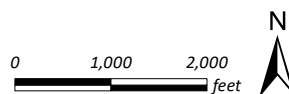
Longitude 104.975982°W, Latitude 39.857657°N

USGS Commerce City, CO Quadrangle

Adams County, Colorado

Copyright: © 2013 National Geographic Society, i-cubed

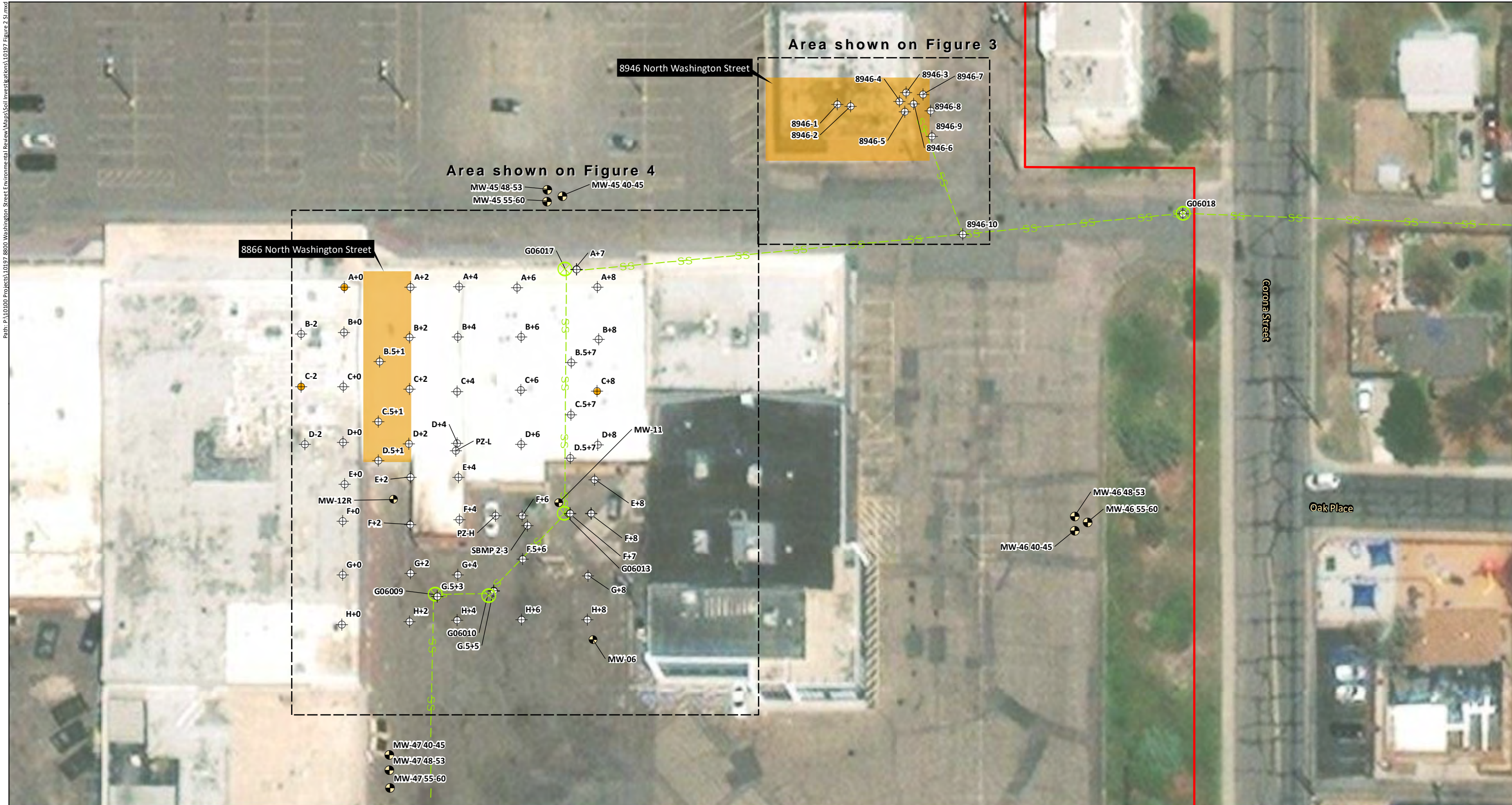
Figure 1  
Site Map



**ERO**  
ERO Resources Corp.



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Thornton Shopping Center

- TSC Property
- SS --- Sanitary Line
- Source Area Building Footprints
- +

 Shallow Soil Boring Location
- Deep Soil Boring Location
- ⊗

 Monitoring Well Location
- X

 Sanitary Manhole

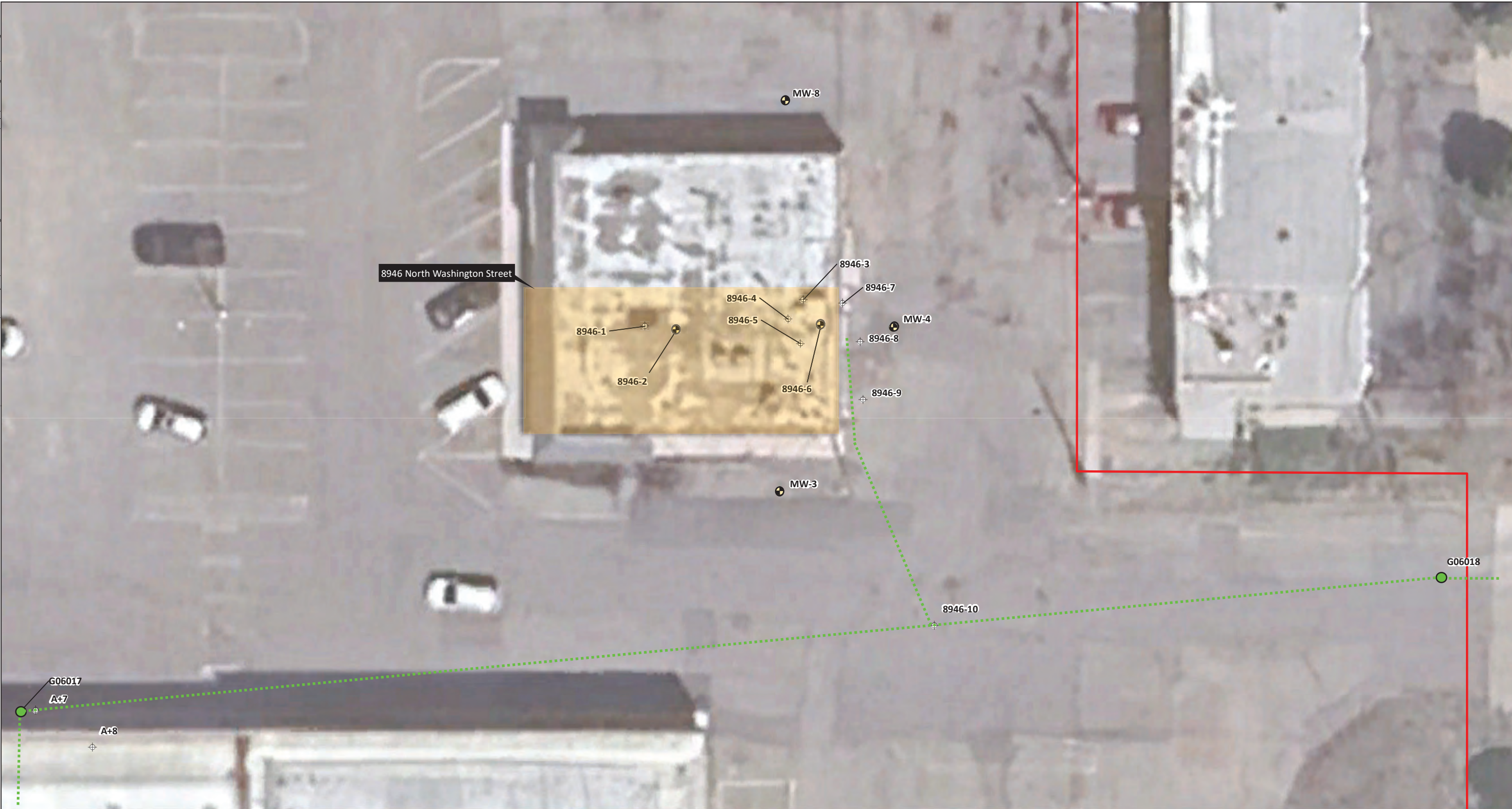


Figure 2  
Soil Boring Locations

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February 14, 2025



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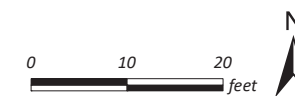
#### Thornton Shopping Center - 8946 Washington Street Investigation

- ⊕ Soil Boring Location
- Soil Boring/Monitoring Well Location
- Sanitary Sewer Manhole
- - - Sanitary Sewer Utility
- TSC Property

Figure 3  
8946 Washington Street  
Soil Borings

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January 15, 2025

**ERO**  
ERO Resources Corp.





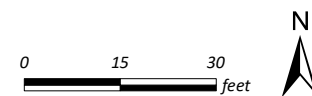
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Thornton Shopping Center

- TSC Property
- SS --- Sanitary Line
- 8866 North Washington Street Footprint
- Shallow Soil Boring Location
- Deep Soil Boring Location
- Monitoring Well Location
- Sanitary Manhole

Figure 4  
8866 North Washington Street  
Soil Boring Locations



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February 14, 2025







# Thornton Shopping Center - Off-Site Sanitary Sewer Scoping


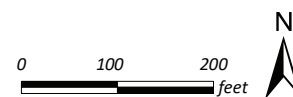
 Extent of sewer scoping reviewed

Figure 5  
Off-Site  
Sanitary Sewer Scoping



## **Appendix B Tables**



**Table 2. Deep groundwater well summary.**

Workplan Location	Soil Sample Nomenclature	Completed Wells - Base Name	Well Location
MW-A Cluster	"MW-AD-"(depth)	"MW-45" (screen interval)	North of MW-10
MW-B Cluster	"MW-BD-"(depth)	"MW-47" (screen interval)	Southwest of MW-9
MW-C Cluster	"MW-CD-"(depth)	"MW-46" (screen interval)	Adjacent to MW-16

**Table 3. Shallow soil boring PCE results.**

**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
		0			
H+0	SAC-H+0-2.5	2.5	<0.00253	L1793992	Perimeter
H+0	SAC-H+0-7.5	7.5	<0.00250	L1793992	Perimeter
H+0	SAC-H+0-12.5	12.5	0.0029	L1793992	Perimeter
H+0	SAC-H+0-17.5	17.5	<0.00250	L1793992	Perimeter
H+0	SAC-H+0-21.5	21.5	0.00925	L1793992	Perimeter
H+2	SAC-H+2-5	5	<0.00250	L1795155	Perimeter
H+2	SAC-H+2-10	10	0.0013	L1795155	Perimeter
H+2	SAC-H+2-15	15	<0.00250	L1795155	Perimeter
H+2	SAC-H+2-20	20	0.0755	L1795155	Perimeter
H+2	SAC-H+2-24.5	24.5	0.123	L1795155	Perimeter
H+4	SAC-H+4-5	5	<0.00250	L1795155	Perimeter
H+4	SAC-H+4-10	10	<0.00250	L1795155	Perimeter
H+4	SAC-H+4-15	15	0.0169	L1795155	Perimeter
H+4	SAC-H+4-20	20	0.151	L1795155	Perimeter
H+4	SAC-H+4-23	23	0.0298	L1795155	Perimeter
H+6	SAC-H+6-5	5	<0.00250	L1794836	Perimeter
H+6	SAC-H+6-10	10	<0.00250	L1794836	Perimeter
H+6	SAC-H+6-15	15	<0.00250	L1794836	Perimeter
H+6	SAC-H+6-18	18	0.0811	L1794836	Perimeter
H+6	SAC-H+6-23	23	0.16	L1794836	Perimeter
H+8	SAC-H+8-5	5	0.0053	L1794836	Perimeter
H+8	SAC-H+8-10	10	<0.00250	L1794836	Perimeter
H+8	SAC-H+8-15	15	0.0009 J	L1794836	Perimeter
H+8	SAC-H+8-19	19	66	L1794836	Perimeter
H+8	SAC-H+8-23	23	20.8	L1794836	Perimeter
G+0	SAC-G+0-2.5	2.5	<0.00250	L1793992	Perimeter
G+0	SAC-G+0-7.5	7.5	<0.00253	L1793992	Perimeter
G+0	SAC-G+0-12.5	12.5	<0.00253	L1793992	Perimeter
G+0	SAC-G+0-17.5	17.5	<0.00250	L1793992	Perimeter
G+0	SAC-G+0-21.5	21.5	<0.00250	L1793992	Perimeter

**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
F+0	SAC-F+0-2.5	2.5	<0.00250	L1793992	Perimeter
F+0	SAC-F+0-7.5	7.5	0.00149 J	L1793992	Perimeter
F+0	SAC-F+0-12.5	12.5	<0.00250	L1793992	Perimeter
F+0	SAC-F+0-17.5	17.5	<0.00253	L1793992	Perimeter
F+0	SAC-F+0-21.5	21.5	<0.00253	L1793992	Perimeter
E+0	SAC-E+0-2.5	2.5	<0.00250	L1793992	Perimeter
E+0	SAC-E+0-7.5	7.5	<0.00250	L1793992	Perimeter
E+0	SAC-E+0-12.5	12.5	<0.00250	L1793992	Perimeter
E+0	SAC-E+0-17.5	17.5	0.0199	L1793992	Perimeter
E+0	SAC-E+0-21.5	21.5	<0.00250	L1793992	Perimeter
D+0	SAC-D+0-2.5	2.5	<0.00253	L1793992	Perimeter
D+0	SAC-D+0-7.5	7.5	<0.00250	L1793992	Perimeter
D+0	SAC-D+0-12.5	12.5	<0.00253	L1793992	Perimeter
D+0	SAC-D+0-17.5	17.5	0.00228 J	L1793992	Perimeter
D+0	SAC-D+0-23	23	<0.00250	L1793992	Perimeter
C+0	SAC-C+0-2.5	2.5	0.00782	L1793992	Perimeter
C+0	SAC-C+0-10	10	25	L1793992	Perimeter
C+0	SAC-C+0-14	14	0.735	L1793992	Perimeter
C+0	SAC-C+0-18	18	0.0135	L1793992	Perimeter
C+0	SAC-C+0-22.5	22.5	0.00218 J	L1793992	Perimeter
B+0	SAC-B+0-2.5	2.7	<0.00250	L1793992	Perimeter
B+0	SAC-B+0-7.5	7.5	0.00169 J	L1793992	Perimeter
B+0	SAC-B+0-13	13	0.0384	L1793992	Perimeter
B+0	SAC-B+0-18	18	<0.00250	L1793992	Perimeter
B+0	SAC-B+0-23.5	23.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-2.5	2.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-7.5D	7.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-7.5	7.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-12.5	12.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-17.5	17.5	<0.00250	L1793992	Perimeter
A+0	SAC-A+0-21	21	<0.00250	L1793992	Perimeter

**Table 3. Shallow soil boring PCE results.**

<b>Boring</b>	<b>Sample Name</b>	<b>Depth (feet bgs)</b>	<b>PCE Result (mg/kg)</b>	<b>Lab Report</b>	<b>Boring Type</b>
A+2	SAC-A+2-2.5	2.5	<0.00250	L1793992	Perimeter
A+2	SAC-A+2-7.5	7.5	<0.00250	L1793992	Perimeter
A+2	SAC-A+2-12.5	12.5	<0.00250	L1793992	Perimeter
A+2	SAC-A+2-17.5	17.5	<0.00250	L1793992	Perimeter
A+2	SAC-A+2-23	23	<0.00250	L1793992	Perimeter
A+4	SAC-A+4-2.5	2.5	<0.00250	L1793992	Perimeter
A+4	SAC-A+4-7.5	7.5	<0.00250	L1793992	Perimeter
A+4	SAC-A+4-12.5	12.5	<0.00250	L1793992	Perimeter
A+4	SAC-A+4-17.5	17.5	<0.00250	L1793992	Perimeter
A+4	SAC-A+4-22.5	22.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-2.5	2.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-7.5	7.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-7.5D	7.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-12.5	12.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-17.5	17.5	<0.00250	L1793992	Perimeter
A+6	SAC-A+6-22.5	22.5	<0.00250	L1793992	Perimeter
A+8	SAC-A+8-2.5	2.5	<0.00250	L1793992	Perimeter
A+8	SAC-A+8-7.5	7.5	<0.00250	L1793992	Perimeter
A+8	SAC-A+8-12.5	12.5	<0.00250	L1793992	Perimeter
A+8	SAC-A+8-17	17	<0.00250	L1793992	Perimeter
A+8	SAC-A+8-20	20	<0.00250	L1793992	Perimeter
B+8	SAC-B+8-4	4	<0.00250	L1793992	Perimeter
B+8	SAC-B+8-7.5	7.5	<0.00250	L1793992	Perimeter
B+8	SAC-B+8-12.5	12.5	<0.00250	L1793992	Perimeter
B+8	SAC-B+8-17.5	17.5	<0.00250	L1793992	Perimeter
B+8	SAC-B+8-23.5	23.5	<0.00250	L1793992	Perimeter
C+8	SAC-C+8-2.5	2.5	<0.00250	L1793992	Perimeter
C+8	SAC-C+8-7.5	7.5	<0.00250	L1793992	Perimeter
C+8	SAC-C+8-12.5	12.5	<0.00250	L1793992	Perimeter
C+8	SAC-C+8-17.5	17	<0.00250	L1793992	Perimeter
C+8	SAC-C+8-23.5	23.5	<0.00250	L1793992	Perimeter

**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
D+8	SAC-D+8-2.5	2.5	<0.00250	L1793992	Perimeter
D+8	SAC-D+8-7.5	7.5	<0.00250	L1793992	Perimeter
D+8	SAC-D+8-12.5	12.5	<0.00250	L1793992	Perimeter
D+8	SAC-D+8-18.5	18.5	<0.00250	L1794275	Perimeter
D+8	SAC-D+8-22	22	0.00255	L1794275	Perimeter
E+8	SAC-E+8-7.5	7.5	<0.00250	L1794836	Perimeter
E+8	SAC-E+8-7.5D	7.5	<0.00250	L1794836	Perimeter
E+8	SAC-E+8-12.5	12.5	<0.00250	L1794836	Perimeter
E+8	SAC-E+8-17.5	17.5	<0.00250	L1794836	Perimeter
E+8	SAC-E+8-22	22	0.0012 J	L1794836	Perimeter
F+8	SAC-F+8-7.5	7.5	0.00163 J	L1794836	Perimeter
F+8	SAC-F+8-10.5	10.5	<0.00250	L1794836	Perimeter
F+8	SAC-F+8-16	16	0.0061	L1794836	Perimeter
F+8	SAC-F+8-18.5	18.5	0.00313	L1794836	Perimeter
F+8	SAC-F+8-21	21	<0.00250	L1794836	Perimeter
G+8	SAC-G+8-5	5	0.0917	L1794836	Perimeter
G+8	SAC-G+8-10	10	0.0169	L1794836	Perimeter
G+8	SAC-G+8-14	14	0.0263	L1794836	Perimeter
G+8	SAC-G+8-18	18	0.638	L1794836	Perimeter
G+8	SAC-G+8-23	23	0.0235	L1794836	Perimeter
B-2	SAC-B-2-2.5	2.5	<0.00250	L1806735	Perimeter/Step-out
B-2	SAC-B-2-7.5	7.5	<0.00250	L1806735	Perimeter/Step-out
B-2	SAC-B-2-12.5	12.5	<0.00250	L1806735	Perimeter/Step-out
B-2	SAC-B-2-17.5	17.5	<0.00250	L1806735	Perimeter/Step-out
B-2	SAC-B-2-23	23	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-2.5	2.5	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-7.5	7.5	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-12.5	12.5	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-17.5	17.5	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-21	21	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-25	25	<0.00250	L1806735	Perimeter/Step-out
C-2	SAC-C-2-25D	25	<0.00250	L1806735	Perimeter/Step-out

**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
D-2	SAC-D-2-2.5	2.5	<0.00250	L1806735	Perimeter/Step-out
D-2	SAC-D-2-7.5	7.5	<0.00250	L1806735	Perimeter/Step-out
D-2	SAC-D-2-12.5	12.5	<0.00250	L1806735	Perimeter/Step-out
D-2	SAC-D-2-17.5	17.5	<0.00250	L1806735	Perimeter/Step-out
D-2	SAC-D-2-23	23	<0.00250	L1806735	Perimeter/Step-out
B+6	SAC-B+6-12.5	12.5	<0.00250	L1794275	Interior Borings
B+6	SAC-B+6-17.5	17.5	<0.00250	L1794275	Interior Borings
B+6	SAC-B+6-2.5	2.5	<0.00250	L1794275	Interior Borings
B+6	SAC-B+6-21.5	21.5	<0.00250	L1794275	Interior Borings
B+6	SAC-B+6-7.5	7.5	<0.00250	L1794275	Interior Borings
D+6	SAC-D+6-2.5	2.5	<0.00250	L1794275	Interior Borings
D+6	SAC-D+6-7.5	7.5	<0.00250	L1794275	Interior Borings
D+6	SAC-D+6-12.5	12.5	0.00183 J	L1794275	Interior Borings
D+6	SAC-D+6-17	17	0.12	L1794275	Interior Borings
D+6	SAC-D+6-23	23	0.00185 J	L1794275	Interior Borings
G+4	SAC-G+4-5	5	0.00197	L1795155	Interior Borings
G+4	SAC-G+4-5D	5	<0.00250	L1795155	Interior Borings
G+4	SAC-G+4-10	10	<0.00250	L1795155	Interior Borings
G+4	SAC-G+4-15	15	<0.00250	L1795155	Interior Borings
G+4	SAC-G+4-20	20	0.148	L1795155	Interior Borings
G+4	SAC-G+4-23.5	23.5	0.0568	L1795155	Interior Borings
F+2	SAC-F+2-5	2	<0.00250	L1795810	Interior Boring
F+2	SAC-F+2-10	10	0.00158	L1795810	Interior Boring
F+2	SAC-F+2-15	15	<0.00250	L1795810	Interior Boring
F+2	SAC-F+2-19	19	0.052	L1795810	Interior Boring
F+2	SAC-F+2-23	23	0.171	L1795810	Interior Boring
E+4	SAC-E+4-5	5	<0.00250	L1795810	Interior Boring
E+4	SAC-E+4-10	10	<0.00250	L1795810	Interior Boring
E+4	SAC-E+4-15.5	15.5	0.00483	L1795810	Interior Boring
E+4	SAC-E+4-20	20	0.168	L1795810	Interior Boring
E+4	SAC-E+4-24	24	0.148	L1795810	Interior Boring

**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
D.5+1	SAC-D.5+1-2.5	2.5	<0.00250	L1795810	Interior Boring
D.5+1	SAC-D.5+1-7.5	7.5	<0.00250	L1795810	Interior Boring
D.5+1	SAC-D.5+1-12.5	12.5	0.008	L1795810	Interior Boring
D.5+1	SAC-D.5+1-18.5	18.5	<0.00250	L1795810	Interior Boring
C.5+1	SAC-C.5+1-2.5	2.5	<0.00250	L1795810	Interior Boring
C.5+1	SAC-C.5+1-7.5	7.5	0.0732	L1795810	Interior Boring
C.5+1	SAC-C.5+1-11.5	11.5	0.0149	L1795810	Interior Boring
C.5+1	SAC-C.5+1-11.5D	11.5	0.0839	L1795810	Interior Boring
C.5+1	SAC-C.5+1-17	17	0.0277	L1795810	Interior Boring
B.5+1	SAC-B.5+1-5	5	0.0144	L1795810	Interior Boring
B.5+1	SAC-B.5+1-11.5	11.8	0.772	L1795810	Interior Boring
B.5+1	SAC-B.5+1-16	16	0.369	L1795810	Interior Boring
B.5+1	SAC-B.5+1-22.5	22.5	0.046	L1795810	Interior Boring
B+2	SAC-B+2-2.5	2.5	0.0335	L1795810	Interior Boring
B+2	SAC-B+2-2.5D	2.5	0.00613	L1795810	Interior Boring
B+2	SAC-B+2-7.5	7.5	0.0551	L1795810	Interior Boring
B+2	SAC-B+2-13.5	13.5	0.155	L1795810	Interior Boring
B+2	SAC-B+2-18	18	0.0623	L1795810	Interior Boring
B+2	SAC-B+2-23	23	0.00505	L1795810	Interior Boring
B+4	SAC-B+4-2.5	2.5	0.0136	L1796578	Interior Boring
B+4	SAC-B+4-7.5	7.5	0.00348	L1796578	Interior Boring
B+4	SAC-B+4-12.5	12.5	<0.00250	L1796578	Interior Boring
B+4	SAC-B+4-17.5	17.5	<0.00253	L1796578	Interior Boring
B+4	SAC-B+4-23	23	0.00177	L1796578	Interior Boring
C+4	SAC-C+4-2.5	2.5	0.0321	L1796582	Interior Boring
C+4	SAC-C+4-7.5	7.5	0.0368	L1796582	Interior Boring
C+4	SAC-C+4-12.5	12.5	0.00917	L1796582	Interior Boring
C+4	SAC-C+4-17.5	17.5	0.00617	L1796582	Interior Boring
C+4	SAC-C+4-22.5	22.5	0.0168	L1796582	Interior Boring
D+4	SAC-D+4-2.5	2.5	0.0015	L1796582	Interior Boring
D+4	SAC-D+4-7.5	7.5	<0.00253	L1796582	Interior Boring
D+4	SAC-D+4-12.5	12.5	0.00959	L1796582	Interior Boring
D+4	SAC-D+4-17.5	17.5	<0.00253	L1796582	Interior Boring
D+4	SAC-D+4-23.5	23.5	0.12	L1796582	Interior Boring



**Table 3. Shallow soil boring PCE results.**

Boring	Sample Name	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report	Boring Type
D+2	SAC-D+2-2.5	2.5	0.0382	L1796582	Interior Boring
D+2	SAC-D+2-7.5	7.5	0.00275	L1796582	Interior Boring
D+2	SAC-D+2-12.5D	12.5	0.00735	L1796582	Interior Boring
D+2	SAC-D+2-12.5	12.5	0.00343	L1796582	Interior Boring
D+2	SAC-D+2-17.5	17.5	0.0123	L1796582	Interior Boring
D+2	SAC-D+2-22.5	22.5	6.25	L1796582	Interior Boring
B.5+7	SAC-B .5+7-2.5	2.5	<0.00250	L1794275	Sewer Line
B.5+7	SAC-B .5+7-7.5	7.5	<0.00250	L1794275	Sewer Line
B.5+7	SAC-B .5+7-12.5	12.5	<0.00250	L1794275	Sewer Line
B.5+7	SAC-B .5+7-17.5	17.5	<0.00250	L1794275	Sewer Line
B.5+7	SAC-B .5+7-23.5	23.5	<0.00250	L1794275	Sewer Line
C.5+7	SAC-C.5+7-2.5	2.5	<0.00250	L1794836	Sewer Line
C.5+7	SAC-C.5+7-7.5	7.5	<0.00250	L1794836	Sewer Line
C.5+7	SAC-C.5+7-12.5	12.5	<0.00250	L1794836	Sewer Line
C.5+7	SAC-C.5+7-17.5	17.5	<0.00250	L1794836	Sewer Line
C.5+7	SAC-C.5+7-23	23	<0.00250	L1794836	Sewer Line
D.5+7	SAC-D.5+7-2.5	2.5	<0.00250	L1794836	Sewer Line
D.5+7	SAC-D.5+7-7.5	7.5	<0.00250	L1794836	Sewer Line
D.5+7	SAC-D.5+7-12.5	12.5	<0.00250	L1794836	Sewer Line
D.5+7	SAC-D.5+7-17.5	17.5	<0.00250	L1794836	Sewer Line
D.5+7	SAC-D.5+7-21.5	21.5	<0.00250	L1794836	Sewer Line
F.5+6	SAC-F-5+6-7.5	7.5	0.224	L1795155	Sewer Line
F.5+6	SAC-F-5+6-11.5	11.5	0.0711	L1795155	Sewer Line
F.5+6	SAC-F-5+6-16.5	16.5	0.294	L1795155	Sewer Line
F.5+6	SAC-F-5+6-20	20	1.77	L1795155	Sewer Line
F.5+6	SAC-F-5+6-24.5	24.5	0.342	L1795155	Sewer Line
F+6	SAC-F+6-5	5	0.0311	L1794275	Sewer Line
F+6	SAC-F+6-11	11	460	L1794275	Sewer Line
F+6	SAC-F+6-15.5	15.5	0.255	L1794275	Sewer Line
F+6	SAC-F+6-19	19	1.62	L1794275	Sewer Line
F+6	SAC-F+6-23	23	0.128	L1794275	Sewer Line
G.5+3	SAC-G-5+3-2.5	2.5	0.00147	L1795155	Sewer Line/Manhole
G.5+3	SAC-G-5+3-7.5	7.5	0.0071	L1795155	Sewer Line/Manhole
G.5+3	SAC-G-5+3-11	11	0.00218	L1795155	Sewer Line/Manhole
G.5+3	SAC-G-5+3-14	14	0.00183	L1795155	Sewer Line/Manhole

**Table 3. Shallow soil boring PCE results.**

<b>Boring</b>	<b>Sample Name</b>	<b>Depth (feet bgs)</b>	<b>PCE Result (mg/kg)</b>	<b>Lab Report</b>	<b>Boring Type</b>
G.5+5	SAC-G-5+5-5	5	0.0111	L1795155	Sewer Line/Manhole
G.5+5	SAC-G-5+5-12	12	0.00408	L1795155	Sewer Line/Manhole
G.5+5	SAC-G-5+5-15.5	15.5	0.00505	L1795155	Sewer Line/Manhole
G.5+5	SAC-G-5+5-15.5D	15.5	0.0056	L1795155	Sewer Line/Manhole
G.5+5	SAC-G-5+5-18.5	18.5	0.0531	L1795155	Sewer Line/Manhole
F+7	SAC-F+7-7.5	7.5	0.0204	L1795155	Sewer Line/Manhole
F+7	SAC-F+7-11	11	22.5	L1795155	Sewer Line/Manhole
F+7	SAC-F+7-18.5	18.5	6.12	L1795155	Sewer Line/Manhole
F+7	SAC-F+7-21.5	21.5	0.12	L1795155	Sewer Line/Manhole
A+7	SAC-A+7-2.5	2.5	<0.00250	L1797703	Sewer Line/Manhole
A+7	SAC-A+7-7.5	7.5	<0.00250	L1797703	Sewer Line/Manhole
A+7	SAC-A+7-12.5	12.5	<0.00250	L1797703	Sewer Line/Manhole
A+7	SAC-A+7-16	16	<0.00250	L1797703	Sewer Line/Manhole
A+7	SAC-A+7-20	20	<0.00250	L1797703	Sewer Line/Manhole
C+2	SAC-C+2 (0-5)	0-5	0.433	L1797703	Waste Characterization
C+2	SAC-C+2 (5-10)	5-10	43.9	L1797703	Waste Characterization
C+2	SAC-C+2 (10-15)	10-15	176	L1797703	Waste Characterization
C+2	SAC-C+2 (15-20)	15-20	348	L1797703	Waste Characterization
C+2	SAC-C+2 (20-24)	20-24	107	L1797703	Waste Characterization
C+2	SAC-C+2-24	24	2.14	L1797703	Interior Boring
C+6	SAC-C+6 (0-5)	0-5	<0.0500	L1794836	Waste Characterization
C+6	SAC-C+6 (10-15)	10-15	<0.0500	L1794836	Waste Characterization
C+6	SAC-C+6 (5-10)	5-10	<0.0500	L1794836	Waste Characterization
C+6	SAC-C+6-15	15	<0.00250	L1794836	Waste Characterization
E+2	SAC-E+2 (5-10)	5-10	<0.00250	L1795810	Waste Characterization
E+2	SAC-E+2 (10-15)	10-15	0.00175	L1795810	Waste Characterization
E+2	SAC-E+2 (15-23)	15-23	0.0207	L1795810	Waste Characterization
E+2	SAC-E+2-23	23	0.0912	L1795810	Interior Boring
F+4	SAC-F+4 (0-5)	0-5	<0.00250	L1795810	Waste Characterization
F+4	SAC-F+4 (5-10)	5-10	<0.00250	L1795810	Waste Characterization
F+4	SAC-F+4 (10-15)	10-15	<0.00250	L1795810	Waste Characterization
F+4	SAC-F+4 (15-21.5)	15-21.5	0.0266	L1795810	Waste Characterization
F+4	SAC-F+4-21.5	21.5	0.293	L1795810	Interior Boring

**Table 3. Shallow soil boring PCE results.**

<b>Boring</b>	<b>Sample Name</b>	<b>Depth (feet bgs)</b>	<b>PCE Result (mg/kg)</b>	<b>Lab Report</b>	<b>Boring Type</b>
G+2	SAC-G+2 (5-10)	5-10	<0.00250	L1795810	Waste Characterization
G+2	SAC-G+2 (10-15)	10-15	<0.00250	L1795810	Waste Characterization
G+2	SAC-G+2 (15-22)	15-20	0.0282	L1795810	Waste Characterization
G+2	SAC-G+2-22	22	0.0059	L1795810	Interior Boring
Shaded = Analyte detected					
Red = PCE > 1.0 mg/kg					
J = Estimated concentration above laboratory detection limit, but below reporting limit.					
"<" = PCE not detected above stated laboratory reporting limit.					

**Table 4. Waste characterization borings TCLP results – boring C+2.**

Sample ID	PCE Concentration (mg/kg)	TCLP PCE Concentration (mg/L)
SAC-C+2 (0-5)	0.433	NA
SAC-C+2 (5-10)	43.9	0.297
SAC-C+2 (10-15)	176	<0.05
SAC-C+2 (15-20)	348	1.86
SAC-C+2 (20-24)	107	0.628

NA = Not Analyzed

"<" = Not Detected above laboratory reporting limit

All data in Pace Report L1797703

TCLP limit for PCE = 0.7 mg/L

**Table 5. Deep soil boring PCE results.**

**Table 5. Deep soil boring PCE results.**

Boring	Sample Name	Date Sampled	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report
A+0	SAC-A+0-2.5	10/29/2024	2.5	<0.00250	L1793992
	SAC-A+0-7.5D	10/29/2024	7.5	<0.00250	L1793992
	SAC-A+0-7.5	10/29/2024	7.5	<0.00250	L1793992
	SAC-A+0-12.5	10/29/2024	12.5	<0.00250	L1793992
	SAC-A+0-17.5	10/29/2024	17.5	<0.00250	L1793992
	SAC-A+0-21	10/29/2024	21	<0.00250	L1793992
	SAC-A+OD-22.5	01/16/2025	22.5	<0.00250	L1818584
	SAC-A+OD-27.5	01/16/2025	27.5	<0.00250	L1818584
	SAC-A+OD-30	01/16/2025	30	<0.00250	L1818584
	SAC-A+OD-35	01/16/2025	35	<0.00250	L1818584
	SAC-A+OD-38.5	01/16/2025	38.5	<0.00250	L1818584
	SAC-A+OD-44.5	01/16/2025	44.5	<0.00250	L1818584
	SAC-A+OD-50	01/16/2025	50	<0.00250	L1818584
	SAC-A+OD-52	01/16/2025	52	<0.00250	L1818584
	SAC-A+OD-55	01/16/2025	55	<0.00250	L1818584
	SAC-A+OD-60	01/16/2025	60	<0.00250	L1818584
C+8	SAC-C+8-2.5	10/29/2024	2.8	<0.00250	L1793992
	SAC-C+8-7.5	10/29/2024	7.5	<0.00250	L1793992
	SAC-C+8-17.5	10/29/2024	17.5	<0.00250	L1793992
	SAC-C+8-23.5	10/29/2024	23.5	<0.00250	L1793992
	SAC-C+8D-23.5	01/15/2025	23.5	<0.00250	L1817832
	SAC-C+8D-27.5	01/15/2025	27.5	<0.00250	L1817832
	SAC-C+8D-32.5	01/15/2025	32.5	<0.00250	L1817832
	SAC-C+8D-37	01/15/2025	37	0.0444	L1817832
	SAC-C+8D-38.5	01/15/2025	38.5	<0.00250	L1817832
	SAC-C+8D-40	01/15/2025	40	0.117	L1817832
	SAC-C+8D-42	01/15/2025	42	0.0105	L1817832
	SAC-C+8D-42.5	01/15/2025	42.5	0.211	L1817832
	SAC-C+8D-43.5	01/15/2025	43.5	0.00448	L1817832
	SAC-C+8D-47	01/15/2025	47	0.0063	L1817832
	SAC-C+8D-53	01/15/2025	53	0.00158 J	L1817832
	SAC-C+8D-57.5	01/15/2025	57.5	0.102	L1817832
	SAC-C+8D-60	01/15/2025	60	<0.00250	L1817832

**Table 5. Deep soil boring PCE results.**

Boring	Sample Name	Date Sampled	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report
D-2	SAC-D-2-2.5	12/04/2024	2.5	<0.00250	L1806735
	SAC-D-2-7.5	12/04/2024	7.5	<0.00250	L1806735
	SAC-D-2-12.5	12/04/2024	12.5	<0.00250	L1806735
	SAC-D-2-17.5	12/04/2024	17.5	<0.00250	L1806735
	SAC-D-2-23	12/04/2024	23	<0.00250	L1806735
	SAC-D-2D-25	01/16/2025	25	<0.00250	L1818584
	SAC-D-2D-30	01/16/2025	30	<0.00250	L1818584
	SAC-D-2D-35	01/16/2025	35	<0.00250	L1818584
	SAC-D-2D-40	01/16/2025	40	<0.00250	L1818584
	SAC-D-2D-43	01/16/2025	53	<0.00250	L1818584
	SAC-D-2D-48	01/16/2025	48	<0.00250	L1818584
	SAC-D-2D-52	01/16/2025	52	<0.00250	L1818584
	SAC-D-2D-60	01/16/2025	60	<0.00250	L1818584
MW-45	MW-AD-2.5	01/06/2025	2.5	<0.00250	L1815876
	MW-AD-7.5	01/06/2025	7.5	<0.00250	L1815876
	MW-AD-12.5	01/06/2025	12.5	<0.00250	L1815876
	MW-AD-17.5	01/06/2025	17.5	<0.00250	L1815876
	MW-AD-21.5	01/06/2025	21.5	<0.00250	L1815876
	MW-AD-27.5	01/06/2025	27.5	<0.00250	L1815876
	MW-AD-32.5	01/06/2025	32.5	<0.00250	L1815876
	MW-AD-37.5	01/06/2025	37.5	<0.00250	L1815876
	MW-AD-42.5	01/06/2025	42.5	<0.00250	L1815876
	MW-AD-47.5	01/07/2025	47.5	<0.00250	L1815876
	MW-AD-52.5	01/07/2025	52.5	<0.00250	L1815876
	MW-AD-60	01/07/2025	60	<0.00250	L1815876
MW-46	MW-CD-2.5	01/13/2025	2.5	<0.00250	L1816980
	MW-CD-7.5	01/13/2025	7.5	<0.00250	L1816980
	MW-CD-12.5	01/13/2025	12.5	<0.00500	L1816980
	MW-CD-17.5	01/13/2025	17.5	<0.00250	L1816980
	MW-CD-22.5	01/13/2025	22.5	0.00115 J	L1816980
	MW-CD-27.5	01/13/2025	27.5	0.0014 J	L1816980
	MW-CD-32.5	01/13/2025	32.5	<0.00250	L1816980
	MW-CD-38.5	01/13/2025	38.5	<0.00250	L1816980
	MW-CD-42.5	01/13/2025	42.5	<0.00250	L1816980
	MW-CD-47.5	01/13/2025	47.5	<0.00250	L1816980
	MW-CD-52.5	01/13/2025	52.5	<0.00250	L1816980
	MW-CD-58	01/13/2025	58	<0.00250	L1816980
	MW-CD-60	01/13/2025	60	<0.00250	L1816980

**Table 5. Deep soil boring PCE results.**

Boring	Sample Name	Date Sampled	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report
MW-47	MW-BD-2.5	01/13/2025	2.5	<0.00250	L1816980
	MW-BD-7.5	01/13/2025	7.5	<0.00250	L1816980
	MW-BD-12.5	01/13/2025	12.5	<0.00250	L1816980
	MW-BD-17.5	01/13/2025	17.5	<0.00250	L1816980
	MW-BD-23	01/13/2025	23	0.0105	L1816980
	MW-BD-27.5	01/13/2025	27.5	<0.00250	L1816980
	MW-BD-32.5	01/13/2025	32.5	<0.00250	L1816980
	MW-BD-37.5	01/13/2025	38.5	<0.00250	L1816980
	MW-BD-42.5	01/13/2025	42.5	<0.00250	L1816980
	MW-BD-47.5	01/13/2025	47.5	<0.00250	L1816980
	MW-BD-52.5	01/13/2025	52.5	<0.00250	L1816980
	MW-BD-60	01/13/2025	60	<0.00250	L1816980
Shaded = Analyte detected					
J = Estimated concentration above laboratory detection limit, but below reporting limit.					
"<" = PCE not detected above stated laboratory reporting limit.					



**Table 6. 8946 North Washington boring PCE results.**

**Table 6. 8946 North Washington boring PCE results.**

Boring	Sample Name	Date Sampled	Depth (feet bgs)	PCE Result (mg/kg)	Lab Report
8946-1	8946-1-7.5	11/05/2024	7.5	0.061	L1797703
	8946-1-13	11/05/2024	13	0.0818	L1797703
	8946-1-22.5	11/05/2024	22.5	<0.00250	L1797703
8946-2	8946-2-13	11/07/2024	13	0.00133 J	L1797703
	8946-2-23.5	11/07/2024	23.5	<0.00250	L1797703
8946-3	8946-3-13	11/05/2024	13	0.14	L1797703
	8946-3-23	11/05/2024	23	0.00117 J	L1797703
8946-4	8946-4-13	11/05/2024	13	0.00147 J	L1797703
	8946-4-22	11/05/2024	22	0.0026	L1797703
8946-5	8946-5-13	11/07/2024	13	<0.00250	L1797703
	8946-5-23	11/07/2024	23	<0.00250	L1797703
8946-6	8946-6-13	11/07/2024	13	0.00218 J	L1797703
	8946-6-23.5	11/07/2024	23.5	0.00125 J	L1797703
8946-7	8946-7-13	11/07/2024	13	0.00183 J	L1797703
	8946-7-24	11/07/2024	24	<0.00250	L1797703
8946-8	8946-8-12.5	12/04/2024	12.5	<0.00250	L1806735
	8946-8-23	12/04/2024	23	<0.00250	L1806735
8946-9	8946-9-12.5	12/04/2024	12.5	<0.00250	L1806735
	8946-9-22	12/04/2024	22	<0.00250	L1806735
8946-10	8946-10-13	11/07/2024	13	<0.00250	L1797703
	8946-10-21	11/07/2024	21	<0.00250	L1797703
Shaded = Analyte detected					
J = Estimated concentration above laboratory detection limit, but below reporting limit.					
"<" = PCE not detected above stated laboratory reporting limit.					

## **Appendix C Soil Boring Logs**

PROJECT: Thornton Shopping Center				Log of No. A+0	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 10/29/2024				DEPTH TO WATER (ft btoc):	NA
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):	3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, light gray, dry	
	SAC-A+0-2.5		0		
5					5
	SAC-A+0-7.5D		0	Clay: Some fine grain sand, brown, slightly moist, some calcareous deposition	
10					10
	SAC-A+0-12.5		0		No well constructed
15					15
	SAC-A+0-17.5		0	Clayey sand: Silty, olive brown, slightly moist	
20					20
	SAC-A+0-21		0		
				End of Borehole: Mechanical Refusal	
25					25
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PROJECT: Thornton Shopping Center			Log of No. A+2		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-A+2-2.5		0		
5					5
	SAC-A+2-7.5		0	Clay: Some fine grain sand and silt, medium brown, soft 0.5'-8' bgs	
10					10
	SAC-A+2-12.5		0		
15					15
	SAC-A+2-17.5		0	Clayey sand: Some silt, light brown, slightly moist	
20					20
	SAC-A+2-23		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. A+4		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
	SAC-A+4-2.5		0		
5				Clay: Some fine grain sand and sily, brown, moist	5
	SAC-A+4-7.5		0		
10					10
	SAC-A+4-12.5		0		No well constructed
15				Clayey sand: Light brown, slightly moist to dry	15
	SAC-A+4-17.5		0		
20					20
	SAC-A+4-22.5		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. A+6		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-A+6-2.5		0	Clay: Brown, soft, moist	No well constructed
5					
	SAC-A+6-7.5		0	Clay: Some fine sand and silt, medium brown, slightly moist	
10					
	SAC-A+6-12.5		0		
15					
	SAC-A+6-17.5		0	Clayey sand: Silty, medium brown, slightly moist	No well constructed
20					
	SAC-A+6-22.5		0		
25				End of Borehole: Mechanical Refusal	

PROJECT: Thornton Shopping Center			Log of No. A+7		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/7/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	0
				Sandy clay: Silty, brown, moist	
	SAC-A+7-2.5		0	Clayey sand: Silty, brown, moist	
5				Asphalt: black, hard	5
	SAC-A+7-7.5		0	Clayey sand: Silty, some clay, light brown, slightly moist, free water in liner 14' bgs	
10					10
	SAC-A+7-12.5		0		
15					15
	SAC-A+7-16		0		
20				End of Borehole: Mechanical Refusal	20
	SAC-A+7-20		0		
25					25

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PROJECT: Thornton Shopping Center				Log of No. A+8	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 10/29/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, brown, moist	
	SAC-A+8-2.5		0	Clay: Some fine grain sand and silt, brown, moist	
5					5
	SAC-A+8-7.5		0		
10					10
	SAC-A+8-12.5		0	Clayey sand: Silty, tan to light brown, slightly moist	
15					15
	SAC-A+8-17		0		
20	SAC-A+8-20		0		20
				End of Borehole: Mechanical Refusal	
25					25
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PROJECT: Thornton Shopping Center			Log of No. B.5+1		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with fine gravel, brown, moist	
5	SAC-B.5+1-5		2.1		5
10	SAC-B.5+1-11.5		190	Clayey sand: Some silt, tan to light brown, slightly moist, iron staining increases with depth	10
15	SAC-B.5+1-16		83		15
20					20
	SAC-B.5+1-22.5		26		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. B+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-B+0-2.5		0		
5				Clayey sand: Some silt, brown, slightly moist	5
	SAC-B+0-7.5		0		
10					10
	SAC-B+0-13		0.5	Sandy clay: Silty, dark brown to gray, moist	
15					15
	SAC-B+0-18		0		
20				Clayey sand: Silty, light brown, slightly moist	20
	SAC-B+0-23.5		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. B+2		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
	SAC-B+2-2.5		0		
5				Silty clay: Some fine sand, brown, moist	5
	SAC-B+2-7.5		0		
10				Sand: Well-graded, brown, moist	10
	SAC-B+2-13.5		7.5		
15				Clayey sand: Silty, medium brown, slightly moist	15
	SAC-B+2-18		0		
20					20
	SAC-B+2-23		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. B+4		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Clayey sand: Brown, moist	
	SAC-B+4-2.5 SAC-B+4(0-5)		0	Sandy clay: Silty, brown, moist	
5					5
	SAC-B+4-7.5 SAC-B+4(5-10)		0		
10					10
	SAC-B+4-12.5 SAC-B+4(10-15)		0		
15				Clayey sand: Silty, light brown, slightly moist	
	SAC-B+4-17.5		0		
20					20
	SAC-B+4(15-23)				
	SAC-B+4-23		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. B+6		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
	SAC-B+6-2.5		0		
5				Clay: Brown, soft, moist	5
	SAC-B+6-7.5		0		
10					10
	SAC-B+6-12.5		0		No well constructed
15				Clayey sand: Silty, olive brown to tan, slightly moist, calcareous 21.5' bgs	15
	SAC-B+6-17.5		0		
20					20
	SAC-B+6-21.5		0		
				End of Borehole: Mechanical Refusal	
25					25
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PROJECT:	Thornton Shopping Center	Log of No. B+8	
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):	
DRILLING METHOD:	Direct Push	NORTHING (ft.):	
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):	
DRILL DATE:	10/29/2024	DEPTH TO WATER (ft btoc):	NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in):	3.25

DEPTH (feet)	SAMPLES		PID Reading		DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval				
0					Concrete	0
					Sand: Well-graded, trace fine gravel, brown, moist	
	SAC-B+8-4		0		Clay: Some fine grain sand and silt, brown, moist	
5						5
	SAC-B+8-7.5		0			
10					Clayey sand: Silty, tan to light brown, slightly moist	10
	SAC-B+8-12.5		0			
15						15
	SAC-B+8-17.5		0		Silty clay: Some fine grain sand, olive brown, slightly moist, iron staining, grades to sandy clay 20' bgs	
20						20
	SAC-B+8-23.5		0			
25					End of Borehole: Mechanical Refusal	25



PROJECT:	Thornton Shopping Center	Log of No. B-2
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Direct Push	NORTHING (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):
DRILL DATE:	12/4/2024	DEPTH TO WATER (ft btoc): NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Clay: Sandy, Cilty, brown, moist	
	SAC-B-2-2.5		0		
5				Clayey sand: Silty, olive brown, slightly moist	5
	SAC-B-2-7.5		0.2		
10					10
	SAC-B-2-12.5		0.2		
15				Silty sand: Some clay, olive brown, slightly moist	15
	SAC-B-2-17.5		0.1		
20			0		20
	SAC-B-2-23				
25				End of Borehole: Mechanical Refusal	25

PROJECT:	Thornton Shopping Center	Log of No. C.5+7
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Direct Push	NORTHING (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):
DRILL DATE:	10/31/2024	DEPTH TO WATER (ft btoc): NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
	SAC-C.5+7-2.5		0	Sandy clay: Brown, soft, moist	
5					5
	SAC-C.5+7-7.5		0		
10					10
	SAC-C.5+7-12.5		0		
15				Clayey sand: Silty, tan to light brown, slightly moist, iron staining increases with depth	
	SAC-C.5+7-17.5		0		
20					20
	SAC-C.5+7-23		0		
25				End of Borehole: Mechanical Refusal	25

PROJECT: Thornton Shopping Center			Log of No.C.5+1		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-C.5+1-2.5		0	Silty sand: Some clay, olive brown, moist, iron staining	
5					
	SAC-C.5+1-7.5		0	Clayey sand: Silty, olive brown, slightly moist, iron staining	No well constructed
10					
	SAC-C.5+1-11.5		1.7		
15					
	SAC-C.5+1-17		0	End of Borehole: Mechanical Refusal	
20					
25					
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PROJECT: Thornton Shopping Center			Log of No. C+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, dark brown, moist	
	SAC-C+0-2.5		0	Clay: Dark brown, moist	
5			0		
	SAC-C+0-10		1.6		
10			0		No well constructed
	SAC-C+0-14			Clayey sand: Some silt, medium brown, slightly moist	
15			0		
	SAC-C+0-18				
20			0		
	SAC-C+0-22.5				
25				End of Borehole: Mechanical Refusal	

ERO Resources Corporation

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PROJECT:	Thornton Shopping Center	Log of No. C+2	
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):	
DRILLING METHOD:	Direct Push	NORTHING (ft.):	
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):	
DRILL DATE:	11/5/2024	DEPTH TO WATER (ft btoc):	NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in):	3.25

DEPTH (feet)	SAMPLES		PID Reading		DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval				
0					Concrete	0
					Sand: Well-graded with gravel, brown, moist	
	SAC-C+2(0-5)					
5			23		Sandy clay: Some silt, brown, moist	5
	SAC-C+2(5-10)					
10			23			10
	SAC-C+2(10-15)					No well constructed
15			28			15
	SAC-C+2(15-20)		459		Clayey sand: Some silt, tan to light brown, slightly moist, BOS found 20' bgs	
20			108			20
	SAC-C+2(20-24)					
	SAC-C+2-24		81			
25					End of Borehole: Mechanical Refusal	25





PROJECT: Thornton Shopping Center			Log of No. C+8		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
	SAC-C+8-2.5		0		
5				Clay: With fine sand and silt, brown, moist	5
	SAC-C+8-7.5		0		
10					10
	SAC-C+8-12.5		0		
15				Clayey sand: Some silt, brown, slightly moist	15
	SAC-C+8-17.5		0		
20				Silty clay: Some fine sand, light brown, slightly moist, iron staining	20
	SAC-C+8-23.5		0		
25				End of Borehole: Mechanical Refusal	25
No well constructed					
ERO Resources Corporation			Project No. 24-285		Page 1 of 1



PROJECT: Thornton Shopping Center			Log of No. C-2		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Site Services Drilling			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 12/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well graded with fine gravel, dark brown, moist	
	SAC-C-2-2.5		0		
5				Clayey sand: Silty, olive brown, moist to slightly mosit	5
	SAC-C-2-7.5		0.1		
10					10
	SAC-C-2-12.5		0.5	Silty sand: Some clay, olive brown, slightly moist	
15				Clay: Silty, medium brown, moist	15
	SAC-C-2-17.5		0.4		
20				Clayey sand: Olive brown, slighty moist to dry	20
	SAC-C-2-21		0.3		
25					25
	SAC-C-2-25		0		
End of Boring					
ERO Resources Corporation			Project No. 24-285		Page 1 of 1

PROJECT: Thornton Shopping Center			Log of No. D.5+1		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, trace gravel, brown, moist	
				Clay: Brown, moist	
	SAC-D.5+1-2.5		0		
5					5
	SAC-D.5+1-7.5		0		
10				Clayey sand: Silty, light brown, moist	10
	SAC-D.5+1-12.5		0		No well constructed
15					15
	SAC-D.5+1-18.5		0		
20				End of Borehole: Mechanical Refusal	20
25					25
ERO Resources Corporation				Project No. 24-285	Page 1 of 1

PROJECT: Thornton Shopping Center			Log of No. D.5+7		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/31/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, light brown, moist	
	SAC-D.5+7-2.5		0		
				Clay: Brown, moist, soft	
5					
	SAC-D.5+7-7.5		0		10
				Clayey sand: Tan, slightly moist, calcareous deposition, iron staining 13' bgs	
10					
	SAC-D.5+7-12.5		0		
					15
	SAC-D.5+7-17.5		0		
				Silty sand: Some clay, light brown, slightly moist, iron staining	
20					
	SAC-D.5+7-21.5		0		
				End of Borehole: Mechanical Refusal	
25					25
ERO Resources Corporation				Project No. 24-285	
				Page 1 of 1	

PROJECT: Thornton Shopping Center			Log of No. D+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-D+0-2.5		0	Sandy clay: Trace fine grain gravel, medium brown, slightly moist	
5					5
	SAC-D+0-7.5		0		
10				Clayey sand: Silty, medium brown, slightly moist	10
	SAC-D+0-12.5		0		No well constructed
15					15
	SAC-D+0-17.5		0		
20				Sandy clay: Silty, gray, slightly moist	20
	SAC-D+0-23		0		
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center			Log of No. D+2		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, some fine gravel, brown moist	
	SAC-D+2-2.5		0		
5				Clayey sand: Silty, brown, slightly moist	
	SAC-D+2-7.5		0		
10					10 No well constructed
	SAC-D+2-12.5		0		
15				Silty sand: Fine grain, olive brown, slightly moist	
	SAC-D+2-17.5		0		
20					
	SAC-D+2-22.5		5		
25				End of Borehole: Mechanical Refusal	25
ERO Resources Corporation				Project No. 24-285	
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PROJECT: Thornton Shopping Center			Log of No. D+6		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/30/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-D+6-2.5		0	Sandy clay: Trace gravel, brown, moist	
5					5
	SAC-D+6-7.5		0		
10					10
	SAC-D+6-12.5		0	Clayey sand: Silty, tan to light brown, slightly moist, iron staining	No well constructed
15					15
	SAC-D+6-17		10.8		
20					20
	SAC-D+6-23		0		
25				End of Borehole: Mechanical Refusal	25
ERO Resources Corporation				Project No. 24-285	
				Page 1 of 1	

PROJECT: Thornton Shopping Center			Log of No. D+8		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/29/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-D+8-2.5		0		
5				Sandy clay: Some silt, brown to moist	5
	SAC-D+8-7.5		0		
10					10
	SAC-D+8-12.5		0		No well constructed
15				Clayey sand: Some silt, tan to light brown, slightly moist	15
	SAC-D+8-18.5		0		
20					20
	SAC-D+8-22		0		
				End of Borehole: Mechanical Refusal	
25					25
ERO Resources Corporation				Project No. 24-285	
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PROJECT: Thornton Shopping Center				Log of No. D-2	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Site Services Drilling				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 12/4/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-D-2-2.5		0	Silty sand: Some clay, olive brown, moist	
5					5
	SAC-D-2-7.5		0.2		
10				Sand: Poorly graded, fine grain, medium brown, dry	10
	SAC-D-2-12.5		0.2		
				Clayey sand: Silty, olive brown, slightly moist, iron staining	
15				End of Borehole: Mechanical Refusal	15
	SAC-D-2-17.5		0.1		
20			0	End of Borehole: Mechanical Refusal	20
	SAC-D-2-23				
25					25
ERO Resources Corporation				Project No. 24-285	
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PROJECT: Thornton Shopping Center				Log of No. E+2	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/4/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				 Potholed (no recovery)	0
5			0		No well constructed
	SAC-E+2(5-10)				
10			0		
	SAC-E+2(10-15)				
15			0		
	SAC-E+2(15-23)				
20			0		
	SAC-E+2-23				
25			0		
				End of Borehole: Mechanical Refusal	

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PROJECT: Thornton Shopping Center				Log of No. E+0				
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):				
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):				
DRILLING METHOD: Direct Push				NORTHING (ft.):				
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):				
DRILL DATE: 10/28/2024				DEPTH TO WATER (ft btoc): NA				
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25				
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS			
	Number	Interval						
0				Concrete	0			
	SAC-E+0-2.5		0	Sandy clay: Fine grain, sandy, silty, medium brown, slightly moist, iron staining	No well constructed			
5								
	SAC-E+0-7.5		0					
				Clayey sand: Fine grain, silty, medium brown, slightly moist		No well constructed		
10								
	SAC-E+0-12.5		0					
				Sandy clay: Clay grading to claystone, sandy, silty, dark brown to gray, slightly moist			No well constructed	
15								
	SAC-E+0-17.5		0					
				End of Borehole: Mechanical Refusal				No well constructed
20								
	SAC-E+0-21.5		0					
				End of Borehole: Mechanical Refusal	No well constructed			
25								

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PROJECT: Thornton Shopping Center			Log of No. E+4		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Potholed (no recovery)	0
5	SAC-E+4-5		0		
10	SAC-E+4-10		0	Silty sand: Some clay, tan to olive brown, slightly moist, iron staining	No well constructed
15	SAC-E+4-15.5		0		
20	SAC-E+4-20		7		
25	SAC-E+4-24		0		
				End of Borehole: Mechanical Refusal	25
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PROJECT:	Thornton Shopping Center	Log of No. E+6	
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):	
DRILLING METHOD:	Direct Push	NORTHING (ft.):	
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):	
DRILL DATE:	10/31/2024	DEPTH TO WATER (ft btoc):	NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in):	3.25

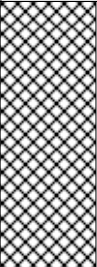
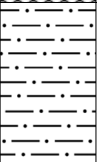
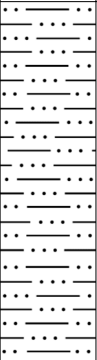
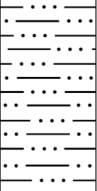
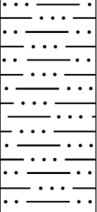

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					0
				Potholed (no recovery)	
5			0		5
	SAC-E+6(5-10)			Clayey sand: Silty, tan to olive brown, slightly moist, hard	
10			0		10
	SAC-E+6(10-15)			Clay: Brown, moist	No well constructed
15			1.5		15
	SAC-E+6(15-20)				
			3.2		
				Clayey sand: Light brown, slightly moist	
20					20
	SAC-E+6(20-22.5)				
			18.5		
				End of Borehole: Mechanical Refusal	
25					25





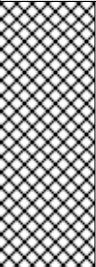
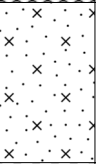
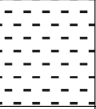
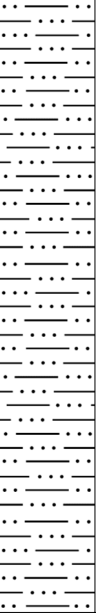
PROJECT: Thornton Shopping Center			Log of No. F+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-F+0-2.5		0	Sandy clay: Fine to medium grain, sandy, silty, medium brown, slightly moist, some calcareous deposition, very sandy zone 5'-7' bgs	
5					
	SAC-F+0-7.5		0		
10				Clayey sand: Fine to coarse grain, occasional gravel, medium brown, slightly moist, calcite crystals 18.5' bgs	No well constructed
	SAC-F+0-12.5		0		
15					
	SAC-F+0-17.5		0		
20				Sandy clay: Fine grain, claystones, dark brown to gray, moist to slightly moist	
	SAC-F+0-21.5		0		
				End of Borehole: Mechanical Refusal	
25					25
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PROJECT: Thornton Shopping Center				Log of No. F+2	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/4/2024				DEPTH TO WATER (ft btoc):	NA
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):	3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					0
				Potholed (no recovery)	
5	SAC-F+2-5		0		5
				Sandy clay: Silty, brown, moist, iron staining	
10	SAC-F+2-10		0		10
					No well constructed
15	SAC-F+2-15		0		15
				Clayey sand: Some silt, tan to light brown, slightly moist, iron staining	
20	SAC-F+2-19		0		20
25	SAC-F+2-23		0		
				End of Borehole: Mechanical Refusal	
25					25
ERO Resources Corporation				Project No. 24-285	Page 1 of 1

PROJECT: Thornton Shopping Center				Log of No. F+4			
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):			
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):			
DRILLING METHOD: Direct Push				NORTHING (ft.):			
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):			
DRILL DATE: 11/4/2024				DEPTH TO WATER (ft btoc):		NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):		3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS	
	Number	Interval					
0				Concrete		0	
	SAC-F+4(0-5)						
5			0			5	
	SAC-F+4(5-10)						
10			0	Clayey sand: Silty, brown, moist, iron staining 10'-21.5' bgs		10	No well constructed
	SAC-F+4(10-15)						
15			0			15	
	SAC-F+4(15-21.5)						
20			5			20	
	SAC-F+4-21.5						
			10	End of Borehole: Mechanical Refusal			
25						25	
ERO Resources Corporation						Project No. 24-285	
						Page 1 of 1	

PROJECT: Thornton Shopping Center			Log of No. F+6		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/1/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Potholed (no recovery)	0
5	SAC-F+6-5		0		
10	SAC-F+6-11		9.8 1137	Clayey sand: Silty, olive brown, slightly moist to dry	No well constructed
15	SAC-F+6-15.5		0		
20	SAC-F+6-19		0		
25	SAC-F+6-23		0		
				End of Borehole: Mechanical Refusal	

PROJECT: Thornton Shopping Center			Log of No. F+7		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/1/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					No well constructed
				Potholed (no recovery)	
5					
	SAC-F+7-7.5		0	Silty sand: Brown, moist	
					
				Silty clay: Blue brown, moist	
10					No well constructed
	SAC-F+7-11		0		
				Clayey sand: Silty, brown, slightly moist, iron staining increases with depth	
15					
	SAC-F+7-18.5		10.5		
20					
	SAC-F+7-21.5		0		No well constructed
				End of Borehole: Mechanical Refusal	
25					
ERO Resources Corporation			Project No. 24-285		Page 1 of 1

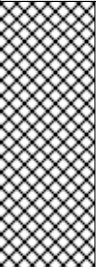
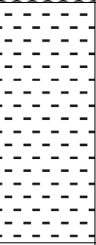
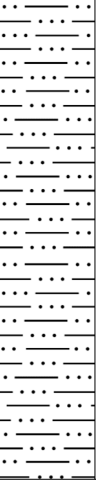


PROJECT: Thornton Shopping Center			Log of No. 8946-1		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
			17		
5			0	Silty clay: Brown, moist	5
	8946-1-7.5		56		
10					10
	8946-1-13		0		
15				Clayey sand: Olive brown, slightly moist to dry	15
			0		
20					20
	8946-1-22.5		0		
25				End of Borehole: Mechanical Refusal	25
ERO Resources Corporation			Project No. 24-285		Page 1 of 2




PROJECT: Thornton Shopping Center			Log of No. G.5+3		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/1/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	0
	SAC-G.5+3-2.5		0	Silty sand: Some clay, tan to olive brown, slightly moist, iron staining	No well constructed
5					
	SAC-G.5+3-7.5		0		
10					
	SAC-G.5+3-11		0	End of Borehole: Mechanical Refusal	
	SAC-G.5+3-14		0		
15					
20					
25					
ERO Resources Corporation			Project No. 24-285		Page 1 of 1




PROJECT: Thornton Shopping Center			Log of No. G.5+5		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/1/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					0
				Potholed (no recovery)	
5	SAC-G.5+5-5.5		0.5		5
				Silty clay: Some sand, brown, moist	
10	SAC-G.5+5-12.5		1		10
				Clayey sand: Silty, brown to olive brown, slightly moist, iron staining	No well constructed
15	SAC-G.5+5-15.5		2		15
	SAC-G.5+5-18.5		1.5		
				End of Borehole: Mechanical Refusal	
20					20
25					25

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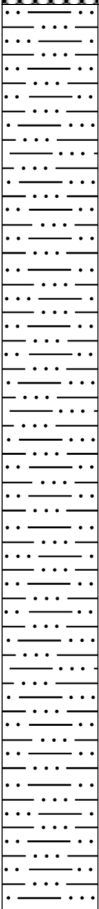
PROJECT: Thornton Shopping Center			Log of No. G+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-G+0-2.5		0		
5					5
	SAC-G+0-7.5		0	Sandy clay: Fine to medium grain, silty, color varies from tan to medium brown with depth, slightly moist, iron staining and soft 7' bgs	
10					10
	SAC-G+0-12.5		0		
15					15
	SAC-G+0-17.5		0		
20					20
	SAC-G+0-21.5		0	Clayey sand: Sand, clayey, silty, tan to light brown, moist, iron staining, dark brown to gray 18'-23' bgs	
25				End of Borehole: Mechanical Refusal	25
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PROJECT: Thornton Shopping Center				Log of No. G+2	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/1/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				 Potholed (no recovery)	0
5			0		No well constructed
	SAC-G+2(5-10)				
10			0		
	SAC-G+2(10-15)				
15			0		
	SAC-G+2(15-22)				
20			0		
	SAC-G+2-22			End of Borehole: Mechanical Refusal	
25					

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PROJECT: Thornton Shopping Center				Log of No. G+4	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/1/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				 Potholed (no recovery)	0
5	SAC-G+4-5		0		No well constructed
10	SAC-G+4-10		0		
15	SAC-G+4-15		0		
20	SAC-G+4-20		15		
25	SAC-G+4-23.5		10		
				End of Borehole: Mechanical Refusal	

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PROJECT: Thornton Shopping Center				Log of No. G+8	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 10/31/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				  Potholed (no recovery)	0
5	SAC-G+8-5		0.3		5
10	SAC-G+8-10		1.5	  Clayey sand: Silty, brown, slightly moist, iron staining	10
15	SAC-G+8-14		2		15
20	SAC-G+8-18		0.5		20
25	SAC-G+8-23		0	End of Borehole: Mechanical Refusal	25
					No well constructed

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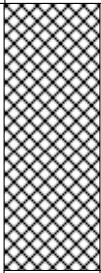
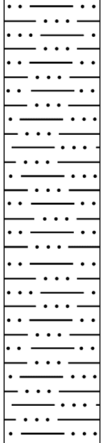
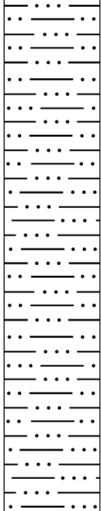
PROJECT: Thornton Shopping Center			Log of No. H+0		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/28/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-H+0-2.5		0	Silty clay: Medium brown, slightly moist, sand content increases with depth, fine grain, iron staining and trace carbonaceous material	No well constructed
5					
	SAC-H+0-7.5		0		
10					
	SAC-H+0-12.5		0		
15					
	SAC-H+0-17.5		0	End of Borehole: Mechanical Refusal	
20					
	SAC-H+0-21.5		0		
25					25
ERO Resources Corporation			Project No. 24-285		Page 1 of 1


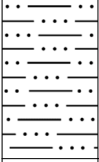
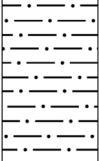
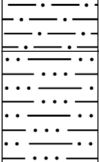
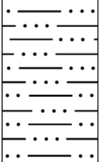
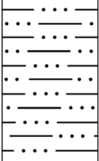
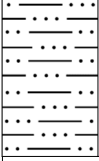
PROJECT:	Thornton Shopping Center	Log of No. H+2	
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):	
DRILLING METHOD:	Direct Push	NORTHING (ft.):	
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):	
DRILL DATE:	11/1/2024	DEPTH TO WATER (ft btoc):	NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in):	3.25

DEPTH (feet)	SAMPLES		PID Reading		DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval				
0						0
					Potholed (no recovery)	
5	SAC-H+4-5		0			5
					Clayey sand: Silty, olive brown, slightly moist	
10	SAC-H+2-10		0			10
					Sandy clay: Dark brown, slightly moist, hard	No well constructed
15	SAC-H+2-15		0			15
					Clayey sand: Medium brown, slightly moist, iron staining, dark organic lens 22'-22.5' bgs	
20	SAC-H+2-20		0			20
25	SAC-H+2-24.5		0			25
					End of Borehole: Mechanical Refusal	

PROJECT: Thornton Shopping Center			Log of No. 8946-1		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
			17		
5			0	Silty clay: Brown, moist	5
	8946-1-7.5		56		
10					10
	8946-1-13		0		
15				Clayey sand: Olive brown, slightly moist to dry	15
			0		
20					20
	8946-1-22.5		0	End of Borehole: Mechanical Refusal	
25					25
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PROJECT: Thornton Shopping Center				Log of No. H+4	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/1/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				 Potholed (no recovery)	0
5	SAC-H+4-5		0		5
10	SAC-H+4-10		1.5	 Clayey sand: Silty, tan to brown, slightly moist, iron staining increases with depth	10
15	SAC-H+4-15		2		15
20	SAC-H+4-20		1.2		20
	SAC-H+4-23		0.5	 End of Borehole: Mechanical Refusal	
25					25
					No well constructed
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PROJECT: Thornton Shopping Center				Log of No. H+6	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 10/31/2024				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen				BORING DIAMETER (in): 3.25	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					0
				Potholed (no recovery)	
5	SAC-H+6-5		0		5
				Clayey sand: Silty, olive brown, slightly moist	
10	SAC-H+6-10		0		10
				Sandy clay: Olive brown, slightly moist to dry	
15	SAC-H+6-15		0		15
	SAC-H+6-18		11.7		
				Clayey sand: Silty, olive brown, dry	
20					20
	SAC-H+6-23		0		
				End of Borehole: Mechanical Refusal	
25					25

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PROJECT: Thornton Shopping Center			Log of No. H+8		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 10/31/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Potholed (no recovery)	0
5	SAC-H+8-5		0		
10	SAC-H+8-10		0	Clayey sand: Silty, brown to dark brown, slightly moist, iron staining, calcareous deposition 7' bgs	No well constructed
15	SAC-H+8-15		0		
20	SAC-H+8-19		3.9		
25	SAC-H+8-23		0		
				End of Borehole: Mechanical Refusal	

PROJECT:	Thornton Shopping Center	Log of No. 8946-2
PROJECT LOCATION:	8946 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Direct Push	NORTHING (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):
DRILL DATE:	11/7/2024	DEPTH TO WATER (ft btoc): 7.59
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
			3	Sandy clay: Brown, moist	Concrete seal with flushmount and j-plug 1" diameter Schedule 40 PVC casing Hydrated Bentonite
5			0		5
10					10
	8946-2-13		12		10-20 filter pack sand
15				Clayey sand: Silty, tan to olive brown, moist to slightly moist, iron staining	15
			0		1" diameter, 0.010" slot, Schedule 40 PVC screen
20					20
	8946-2-23.5		0		1" diameter Schedule 40 PVC end cap
25				End of Borehole: Mechanical Refusal	25

PROJECT: Thornton Shopping Center			Log of No. 8946-3		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, trace fine gravel, brown, moist	
			0	Clayey sand: Brown, moist	
5					
			0	Clay: Some sand and silt, brown, moist	
10					
	8946-3-13		3.5		
15				Clayey sand: Silty, brown, slightly moist	
			0		
20					
	8946-3-23		0		No well constructed
25				End of Borehole: Mechanical Refusal	

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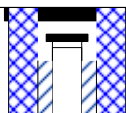


PROJECT: Thornton Shopping Center			Log of No. 8946-4		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, trace fine gravel, brown, moist	
			0		
5			0	Silty clay: Some fine sand, brown, moist	
10					10 No well constructed
	8946-4-13		0		
15				Silty sand: Some clay, olive brown, slightly moist, iron staining	
			0		
20					
	8946-4-22		0		
				End of Borehole: Mechanical Refusal	
25					

PROJECT: Thornton Shopping Center			Log of No. 8946-5		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/7/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded, brown, moist	
			0		
5				Sandy clay: Silty, brown, moist	5
			0		
10					10
	8946-5-13		0		No well constructed
15				Clayey sand: Some silt, tan to olive brown, slightly moist, iron staining	15
			0		
20					20
	8946-5-23		0		
25				End of Borehole: Mechanical Refusal	25
ERO Resources Corporation			Project No. 24-285		Page 1 of 1

PROJECT: Thornton Shopping Center			Log of No. 8946-1		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/5/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
				Sand: Well-graded with gravel, brown, moist	
			17		
5			0	Silty clay: Brown, moist	5
	8946-1-7.5		56		
10					10
	8946-1-13		0		
15				Clayey sand: Olive brown, slightly moist to dry	15
			0		
20					20
	8946-1-22.5		0		
25				End of Borehole: Mechanical Refusal	25
ERO Resources Corporation			Project No. 24-285		Page 1 of 2



PROJECT:	Thornton Shopping Center	Log of No. 8946-6
PROJECT LOCATION:	8946 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Environmental Works, Inc.	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Direct Push	NORTHING (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):
DRILL DATE:	11/7/2024	DEPTH TO WATER (ft btoc): 12.39
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES		PID Reading		DESCRIPTION		WELL CONSTRUCTION DETAILS	
	Number	Interval						
0					Concrete	0		Concrete seal with flushmount and j-plug
			0		Clayey sand: Silty, brown, moist			
								1" diameter Schedule 40 PVC casing
5					Sandy clay: Some silt, light brown, moist	5		Hydrated Bentonite
			0					
10						10		10-20 filter pack sand
	8946-6-13		0					
15					Clayey sand: Some silt, light brown, slightly moist	15		1" diameter, 0.010" slot, Schedule 40 PVC screen
			0					
20						20		
	8946-6-23.5		0					1" diameter Schedule 40 PVC end cap
25					End of Borehole: Mechanical Refusal	25		

PROJECT: Thornton Shopping Center			Log of No. 8946-7		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Environmental Works, Inc.			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 11/7/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
5			0	Silty clay: Some fine grain sand, brown, moist	5
10			0		10
15	8946-7-13		0.7		15
20			5	Clayey sand: Silty, tan to olive brown, slightly moist, iron staining	20
25	8946-7-24		2.3	End of Borehole: Mechanical Refusal	25
ERO Resources Corporation			Project No. 24-285		Page 1 of 1

PROJECT:	Thornton Shopping Center	Log of No. 8946-8
PROJECT LOCATION:	8946 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Site Services Drilling	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Direct Push	NORTHING (ft.):
DRILLING EQUIPMENT:	Geoprobe 7822DT	EASTING (ft):
DRILL DATE:	12/4/2024	DEPTH TO WATER (ft btoc): NA
GEOLOGIST:	Josh Rosen	BORING DIAMETER (in): 3.25

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	0
				Sand: Well graded with gravel to 1/2", dark brown, moist	
			0	Clayey sand: Fine sand, brown, moist	
5					5
			0	Silty sand: Some clay, brown moist	
10					10
	8946-8-12.5		0	Clay: Some silt, brown, moist	
15				Silty sand: Olive brown, slightly moist, occasional (1-3") clay lenses	15
			0		
20					20
	8946-8-23		0		
				End of Borehole: Mechanical Refusal	
25					25

PROJECT: Thornton Shopping Center			Log of No. 8946-9		
PROJECT LOCATION: 8946 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Site Services Drilling			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Direct Push			NORTHING (ft.):		
DRILLING EQUIPMENT: Geoprobe 7822DT			EASTING (ft):		
DRILL DATE: 12/4/2024			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Josh Rosen			BORING DIAMETER (in):		3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	0
				Sand: Well graded with gravel to 1/2", dark brown, moist	
			0		
5				Clay: Some silt and fine sand, brown, moist	5
			0		
10					10
	8946-9-12.5		0	Silty sand: Some fine sand, olive brown, slightly moist	
15				Clay: Some silt and fine sand, brown, slightly moist	15
			0		
20				Clayey sand: Dark brown, moist	20
	8946-9-22		0		
				End of Borehole: Mechanical Refusal	
25					25
ERO Resources Corporation				Project No. 24-285	
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PROJECT: Thornton Shopping Center				Log of No. 8946-10	
PROJECT LOCATION: 8946 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Environmental Works, Inc.				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Direct Push				NORTHING (ft.):	
DRILLING EQUIPMENT: Geoprobe 7822DT				EASTING (ft):	
DRILL DATE: 11/7/2024				DEPTH TO WATER (ft btoc):	NA
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):	3.25
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	0
			0	Sandy clay: Some silt, soft, brown, moist	
5			0		5
10					10
			0		No well constructed
	8946-10-13				
			0	Clayey sand: Silty, light brown, moist to slightly moist	
15					15
			0		
20					20
	8946-10-21		0		
				End of Borehole: Mechanical Refusal	
25					25
ERO Resources Corporation					Project No. 24-285
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PROJECT: Thornton Shopping Center				Log of No. A+0D	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Cascade Envrionmental				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Sonic Drilling				NORTHING (ft.):	
DRILLING EQUIPMENT:				EASTING (ft):	
DRILL DATE: 1/16/2025				DEPTH TO WATER (ft btoc): NA	
GEOLOGIST: Josh Rosen and Jack Denman				BORING DIAMETER (in): 6	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-A+0-2.5		0	Sand: Well-graded with gravel, light gray, dry	
5			0		
	SAC-A+0-7.5D		0	Clay: Some fine grain sand, brown, slightly moist, some calcareous deposition	
10			0		
	SAC-A+0-12.5		0		
15			0		
	SAC-A+0-17.5		0	Clayey sand: Silty, olive brown, slightly moist	
20			0		
	SAC-A+0-21		0		
	SAC-A+0D-22.5		0		
25			2.8	Silty sandstone: Very fine to medium grain, dark brown, laminations, heavily weathered, dry, gray starting at 27' bgs, clay content increases with depth	
			1.6		
	SAC-A+0D-27.5		1		
30			11.1	Silty claystone: Olive brown, heavily weathered, some sand, waxy, iron staining on fractures, slightly moist	
			5.3		
35			19.1	Clayey sandstone: Well sorted very fine to medium grain, light brown, dry, <10% clay	
	SAC-A+0D-35		0.5	Silty sandstone: Light to olive brown, hard, dry	
			16.8	Sandstone: Well sorted with trace subrounded pebbles, medium brown, moist, clay lense at 38.5' bgs with varved appearance, white K-spar crystals from 40' to 42' bgs	
40			0.4		
			2		
45			1.9	Sandy claystone: Very fine grain, olive brown, slightly moist, competent, weathered, gypsum in veins, weathers K-spar	
	SAC-A+0D-44.5		0.2		
			0.6	Silty sandstone: Fine grain, olive gray to medium brown, slightly moist, calcite and gypsum crystals	
50			3		
	SAC-A+0D-50				
	SAC-A+0D-52		0.2	Interbedded siltstone and claystone: Very fine grain, moist, fracture with interbeds of weathered and non weathered, alternating layers of blue and olive brown, iron staining	
55			0.4		
	SAC-A+0D-55		0	Siltstone: Dark gray, slightly moist, very hard, wet fracture from 55.5' - 56.5' bgs with blue well sorted sandstone	
			0.2		
60			0.3	Sandy silstone: Dark gray-blue, slightly mosit, fine grain	
	SAC-A+0D-60				
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PROJECT: Thornton Shopping Center			Log of No. C+8D		
PROJECT LOCATION: 8800 North Washington Street			GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Cascade Environmental			TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Sonic Drilling			NORTHING (ft.):		
DRILLING EQUIPMENT:			EASTING (ft):		
DRILL DATE: 1/15/2025			DEPTH TO WATER (ft btoc):		NA
GEOLOGIST: Jack Denman			BORING DIAMETER (in):		6
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-C+8-2.5		0	Sand: Well-graded with gravel, brown, moist	
5			0		
	SAC-C+8-7.5		0	Clay: With fine sand and silt, brown, moist	5
10			0		
	SAC-C+8-12.5		0		
15			0	Clayey sand: Some silt, brown, slightly moist	15
	SAC-C+8-17.5		0		
20			0	Silty clay: Some fine sand, light brown, slightly moist, iron staining	20
	SAC-C+8-23.5		2.7		
25			9.7	Silty sandstone: Fine to medium grain, medium to olive brown, layered clay beds, slightly moist, feldspar grains	25
	SAC-C+8D-27.5		3.1		
30			14	Sandy siltstone: Very fine sand, medium gray, slightly moist, iron staining on fractures, clay lense at 27.5' bgs	30
	SAC-C+8D-32.5		1.1		
35			0.6	Sandy claystone: Light to medium olive brown, dry to slightly moist, clasts within clay fractures	35
	SAC-C+8D-37		4.8		
40			54	Clayey sandstone: Very fine to fine grain, medium to olive brown, very moist, iron and manganese staining, clay content decreases with depth	40
	SAC-C+8D-38.5		174		
45			461		
	SAC-C+8D-42		3507	Silty claystone: Heavily weathered, brown, fractured, waxy, very hard, dry	45
	SAC-C+8D-42.5		142.7		
50			9.2	Clayey sandstone: Very fine grain, medium brown, moist, competent, waxy	50
	SAC-C+8D-47		2.3	Claystone: Dark gray, slightly moist, blocky texture, weathered K-spar grains, heavily weathered	55
55			17	Silty sandstone: Very fine to fine grain, medium brown to gray, slightly moist	55
	SAC-C+8D-53		1.6		
60			17	Sandstone: Well sorted, medium to rust brown moist, gypsum crystals, iron and manganese staining, heavily weathered	60
	SAC-C+8D-57.5		4.7		
65			2.7	Clayey sandstone: Dark gray with iron staining, dry to slightly moist	65
	SAC-C+8D-60		14.8	Sandy siltstone: Medium-dark blue-gray, no weathering, plagioclase, amphibole, and biotite crystals, slightly moist	

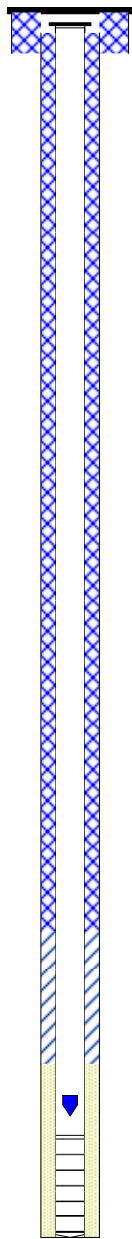
PROJECT:	Thornton Shopping Center	Log of No. D-2D
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.):
DRILLING EQUIPMENT:		EASTING (ft):
DRILL DATE:	1/16/2025	DEPTH TO WATER (ft btoc): NA
GEOLOGIST:	Josh Rosen and Jack Denman	BORING DIAMETER (in): 6

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Concrete	0
	SAC-D-2-2.5		0		
			0.2		
5			0.1		
	SAC-D-2-7.5		0	Silty sand: Some clay, olive brown, moist	
			0.1		
10			0.2		
	SAC-D-2-12.5		0.2		
			0		
15			0.1	Sand: Poorly graded, fine grain, medium brown, dry	
	SAC-D-2-17.5		0.1		
20			0	Clayey sand: Silty, olive brown, slightly moist, iron staining	
			1.4		
	SAC-D-2-23		12.1		
25			17.3	Silty sandstone: Very fine to medium grain, olive brown, slightly moist, heavily weathered, clay lense at 29' bgs, iron staining	
	SAC-D-2D-25		11.1		
30			20.6		
	SAC-D-2D-30		2.8	Sandy claystone: Some silt, olive to medium brown, slightly moist, firm	
			9.6		
35			6.6	Silty claystone: Gray to olive brown, hard, dry	
	SAC-D-2D-35		0.9		
40			2.9	Sandstone: Medium grain, trace silt, medium to light brown, dry	
	SAC-D-2D-40		0.9		
	SAC-D-2D-43		1.1	Sandy claystone: Some silt, medium brown to dark gray, slightly moist	
45			0.8		
	SAC-D-2D-48		0.4	Sandstone: Fine grain, trace silt, olive brown, slightly moist to dry, carbonaceous deposition at 46.5' bgs	
50			1.3		
	SAC-D-2D-52		9.1	Silty claystone: Some fine sand with siltstone interbeds, moist	
			0.3		
55			0.5	Sandstone: Fine grain, some silt, olive brown, slightly moist, slight weathering	
			0	Claystone: Dark brown to gray, moist, iron staining, waxy	
60			0.9	Sandstone: Fine grain, medium brown, silty, slightly moist	
	SAC-D-2D-60			Clayey siltstone: Some very fine sand, dark blue-gray, slight weathering, dry, iron staining	
65					65





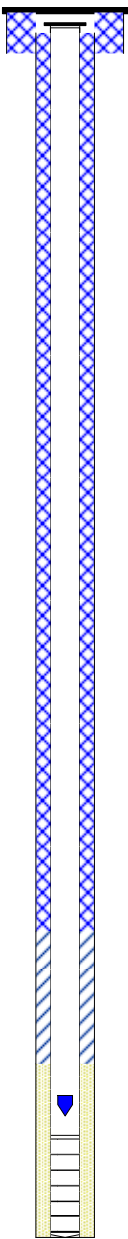
PROJECT: Thornton Shopping Center				Log of No. MW-45 48'-53'	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Cascade Environmental				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Sonic Drilling				NORTHING (ft.):	
DRILLING EQUIPMENT:				EASTING (ft):	
DRILL DATE: 1/8/2025				DEPTH TO WATER (ft btoc):	41.43
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):	6
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0					0
5					5
10					10
15					15
20					20
25					25
30				See Log of No. MW-45 55'-60'	30
35					35
40					40
45					45
50					50
55					55
60					60
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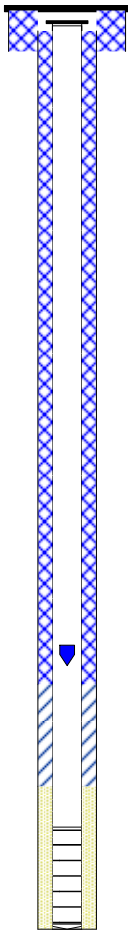
PROJECT: Thornton Shopping Center					Log of No. MW-45 55'-60'		
PROJECT LOCATION: 8800 North Washington Street					GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Cascade Environmental					TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Sonic Drilling					NORTHING (ft.):		
DRILLING EQUIPMENT:					EASTING (ft):		
DRILL DATE: 1/6/2025					DEPTH TO WATER (ft btoc):		54.05
GEOLOGIST: Josh Rosen					BORING DIAMETER (in):		6
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS		
	Number	Interval					
0	MW-AD-2.5		0	Asphalt		Concrete seal with flushmount and j-plug	
5	MW-AD-7.5		0	Silty sand: Some clay, medium brown, moist		2" diameter Schedule 40 PVC casing	
10	MW-AD-12.5		0	Claystone: Silty, grayish brown, moist, no fractures, very iron stained from 15' to 18' bgs		Cement and Bentonite Grout	
15	MW-AD-17.5		0	Silty sand: Olive brown, slightly moist			
20	MW-AD-21.5		0	Claystone: Silty, trace fine sand, dark gray, organic			
25	MW-AD-27.5		0	Grades from silty sand to sandstone: Olive brown, slightly moist, contains pieces of hard sandstone (up to 4")			
30	MW-AD-32.5		0				
35	MW-AD-37.5		0	Claystone: Dark gray, slightly moist, no fractures, grades to light gray at 42' bgs			
40	MW-AD-42.5		0	Silty sand: Sand to sandstone, silty olive brown, slightly moist			
45	MW-AD-47.5		2.9	Claystone: With fine grain sand, dark gray with occasional olive gray streaks, moist, iron staining, calcareous deposition at 52' bgs		Hydrated Bentonite	
50	MW-AD-52.5		0	Sandstone: Fine grain, silty, trace, clay, medium gray, dry, hard, iron staining. A few horizontal fractures between 54 and 55.5' bgs		10-20 filter pack sand	
55			0			2" diameter, 0.010" slot, Schedule 40 PVC screen	
60	MW-AD-60		1.5	Claystone: Trace silt and fine sand, dark gray to black, moist, soft		2" diameter Schedule 40 PVC end cap	
			1.7	Denver blue sandstone: Fine grain, silty, trace clay, medium gray blue, dry, hard			

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PROJECT: Thornton Shopping Center				Log of No. MW-46 40'-45'		
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):		
DRILLING CONTRACTOR: Cascade Environmental				TOP OF CASING ELEVATION (ft):		
DRILLING METHOD: Sonic Drilling				NORTHING (ft.):		
DRILLING EQUIPMENT:				EASTING (ft):		
DRILL DATE: 1/12/2025				DEPTH TO WATER (ft btoc): 32.09		
GEOLOGIST: Emily True				BORING DIAMETER (in): 6		
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS	
	Number	Interval				
0				See Log of No. MW-46 48'-53'		Concrete seal with flushmount and j-plug
5						2" diameter Schedule 40 PVC casing
10						Cement and Bentonite Grout
15						
20						
25						
30						
35						Hydrated Bentonite
40						10-20 filter pack sand
45						2" diameter, 0.010" slot, Schedule 40 PVC screen
50						2" diameter Schedule 40 PVC end cap
55						
60						
ERO Resources Corporation						Project No. 24-260
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PROJECT: Thornton Shopping Center					Log of No. MW-46 48'-53'	
PROJECT LOCATION: 8800 North Washington Street					GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Cascade Environmental					TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Sonic Drilling					NORTHING (ft.):	
DRILLING EQUIPMENT:					EASTING (ft):	
DRILL DATE: 1/11/2025					DEPTH TO WATER (ft btoc): 27.61	
GEOLOGIST: Craig Sovka					BORING DIAMETER (in): 6	
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS	
	Number	Interval				
0			0	Asphalt	0	Concrete seal with flushmount and j-plug
			0			
			0	Sandy silt: Fine grain, brown, moist	5	
5			0			2" diameter Schedule 40 PVC casing
			0			
			0	Sandy silt: Brown, moist, some gypsum and iron staining, brown clay interbeds from 10' to 12.5' bgs	10	
10			0			
			1.1			
			0.5	Sandy silt: Fine grain, tan to light brown, dry, some iron staining from 17.5' to 20' bgs, wet at 19' bgs	15	
15			1.2			
			2.5			
			1.6			
20			3.1	Claystone: Weathered, blocky, sandy, brown to tan, slightly moist, orange to tan from 25' to 27.5' bgs	20	
			0.7			Cement and Bentonite Grout
			4.9			
			0	Sandy claystone: Gray to brown with iron and gypsum mottling from 27.5' to 28.5' bgs, tan to brown with iron staining from 28.5' to 30' bgs	30	
30			1.1			
			0.5	Sandy silt: Light brown, less competent, dry, some dark brown interbeds, clayey		
			0.9	Clayey silt: More competent, moist, olive brown to tan	35	
35			1.4			
			2.1	Sandy silt: Olive gray to tan, dry, less competent, some hard brittle layers, gypsum at 28' bgs	40	
40			0	Claystone: Dense, moist		
			0	Sandy silt, less competent, light olive brown to olive gray, dry to moist, clay at 43' bgs, some gypsum from 45' to 48' bgs	45	
45			0			Hydrated Bentonite
			0.1			
			0.9			
50			0.4	Sandstone: Fine grain to medium coarse, orange brown to brown, dark brown clay interbeds, dry	50	10-20 filter pack sand
			3			
55					55	2" diameter, 0.010" slot, Schedule 40 PVC screen
60					60	2" diameter Schedule 40 PVC end cap

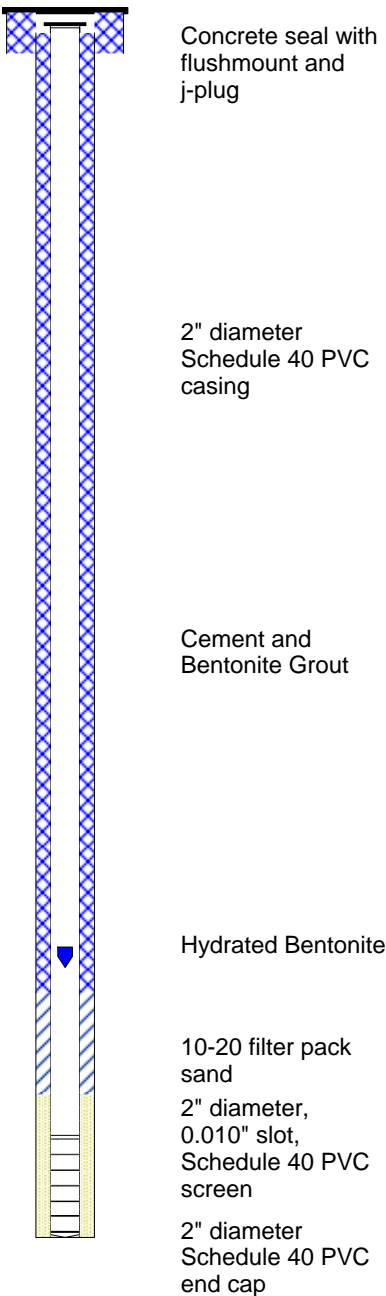
The diagram illustrates the well construction details. It shows a vertical borehole with various materials and components. At the top, there is a concrete seal with a flushmount and j-plug. The casing is made of 2" diameter Schedule 40 PVC. The casing is grouted with cement and bentonite grout. A 10-20 filter pack sand is placed around the casing. The casing has a 2" diameter, 0.010" slot, Schedule 40 PVC screen. The casing ends with a 2" diameter Schedule 40 PVC end cap.

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PROJECT: Thornton Shopping Center				Log of No. MW-46 55'-60'	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Cascade Environmental				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Sonic Drilling				NORTHING (ft.):	
DRILLING EQUIPMENT:				EASTING (ft):	
DRILL DATE: 1/10/2025				DEPTH TO WATER (ft btoc):	46.78
GEOLOGIST: Josh Rosen				BORING DIAMETER (in):	6
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0				Asphalt	
MW-CD-2.5			0	Clayey sand: Silty, medium brown, moist	
MW-CD-7.5			0	Clay: Trace fine sand and silt, brown, moist	
MW-CD-12.5			1.5	Silty sand: Medium to olive brown, moist	
MW-CD-17.5			0		
MW-CD-22.5			0	Sandstone: Fine grain, reddish brown to brown, disseminated with chunks of hard sandstone, to 3" diameter, moist	
MW-CD-27.5			0		
MW-CD-32.5			0	Silty sand: Fine grain, olive brown, slightly moist, iron staining	
MW-CD-38.5			1.7		
MW-CD-42.5			9.3		
MW-CD-47.5			4.8		
MW-CD-52.5			2.3	Sandstone: Fine grain, very silty, trace clay, medium gray to olive gray, slightly moist, soft. Horizontal fracture at 50' bgs	
MW-CD-58			0		
MW-CD-60			0	Silty sand: Fine grain, orange brown, slightly moist to moist	
			3.2	Claystone: Weathered, dark brown, iron staining, wet and fractured at 58' bgs	
			2.5		
			0		
			0		
			1.1		
			0		



PROJECT:	Thornton Shopping Center	Log of No. MW-47 40'-45'
PROJECT LOCATION:	8800 North Washington Street	GROUND SURFACE ELEVATION (ft):
DRILLING CONTRACTOR:	Cascade Environmental	TOP OF CASING ELEVATION (ft):
DRILLING METHOD:	Sonic Drilling	NORTHING (ft.):
DRILLING EQUIPMENT:		EASTING (ft):
DRILL DATE:	1/14/2025	DEPTH TO WATER (ft btoc): 18.44
GEOLOGIST:	Giovanna Mendoza	BORING DIAMETER (in): 6

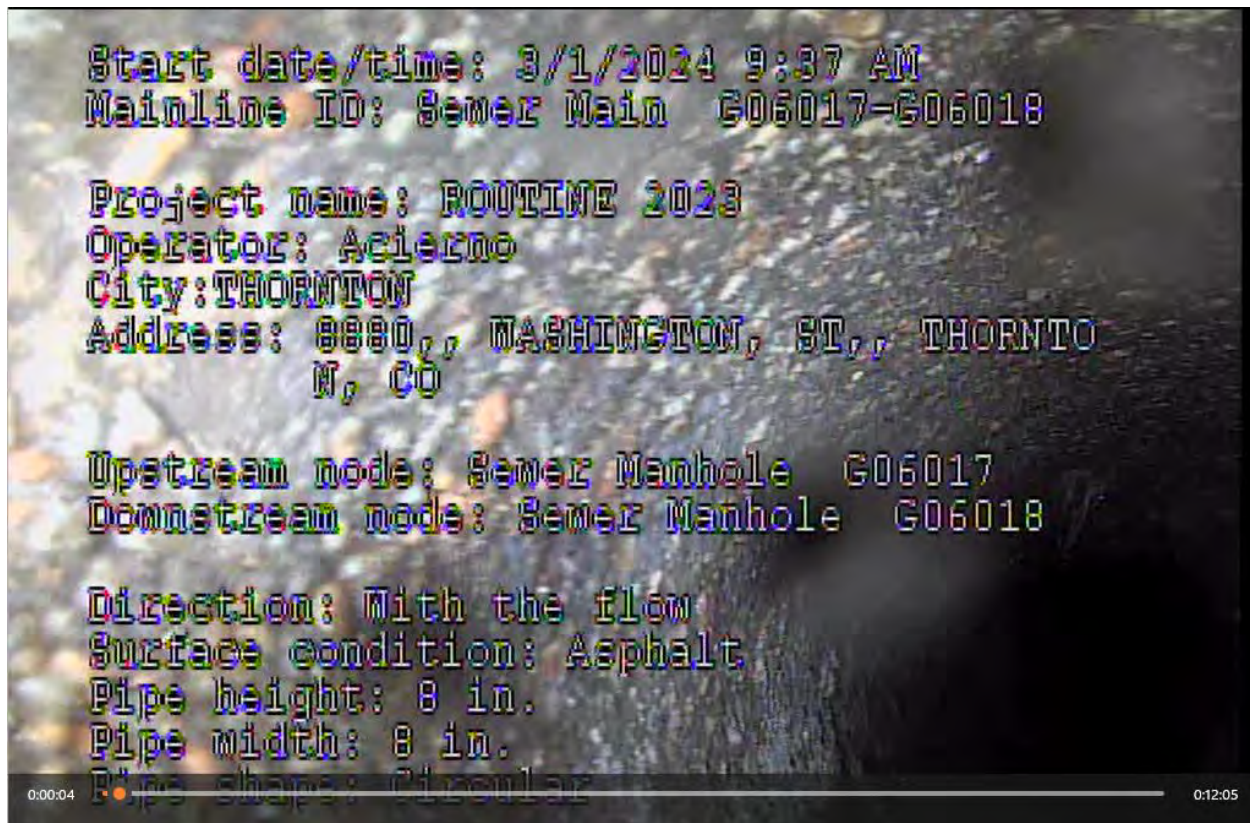
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS	
	Number	Interval				
0					0	Concrete seal with flushmount and j-plug
5					5	
10					10	2" diameter Schedule 40 PVC casing
15					15	
20					20	Cement and Bentonite Grout
25				See Log of No. MW-47 55'-60'	25	
30					30	
35					35	Hydrated Bentonite
40					40	10-20 filter pack sand
45					45	2" diameter, 0.010" slot, Schedule 40 PVC screen
50					50	2" diameter Schedule 40 PVC end cap
55					55	
60					60	





PROJECT: Thornton Shopping Center				Log of No. MW-47 55'-60'	
PROJECT LOCATION: 8800 North Washington Street				GROUND SURFACE ELEVATION (ft):	
DRILLING CONTRACTOR: Cascade Environmental				TOP OF CASING ELEVATION (ft):	
DRILLING METHOD: Sonic Drilling				NORTHING (ft.):	
DRILLING EQUIPMENT:				EASTING (ft):	
DRILL DATE: 1/13/2025				DEPTH TO WATER (ft btoc):	Dry
GEOLOGIST: Craig Sovka				BORING DIAMETER (in):	6
DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION	WELL CONSTRUCTION DETAILS
	Number	Interval			
0	MW-BD-2.5		0	Potholed	Concrete seal with flushmount and j-plug
3.3			3.3		
5			9.6		
7.3	MW-BD-7.5		7.3		2" diameter Schedule 40 PVC casing
10			3.1	Sandy silt: Moist, iron staining, blocky	
12.5	MW-BD-12.5		0.4		
15			2	Silty sand: Dry, iron staining	
17.5	MW-BD-17.5		2.3		
20			1.2	Sand: Fine grain, orange brown, hard rock layers and clay interbeds, dry, iron staining	Cement and Bentonite Grout
23	MW-BD-23		11.7		
25			17.2	Sandy silt: Light brown, moist, blocky, iron staining	
27.5	MW-BD-27.5		41.6	Clayey silt: Brown, dense, some gypsum	
30			19.5	Claystone: Dark brown, hard, iron staining along fractures	
32.5	MW-BD-32.5		11.6	Sandy silt: Olive brown, loose, dry, iron staining at 28' bgs	Hydrated Bentonite
35			6.9		
37.5	MW-BD-37.5		4.9		
40			12.5	Sandstone: Fine to medium grain with rock layers, orangey brown, moist, clay interbeds from 37.5' to 40' bgs	
42.5	MW-BD-42.5		3.5		
45			1	Sandy silt: Fine grain, blocky, moist	10-20 filter pack sand
47.5	MW-BD-47.5		0		
50			0	Sand: Fine grain, rock layers, micaceous, iron staining, dry	
52.5	MW-BD-52.5		1		
55			0.4	Sandy silt: Fine gray to orange, iron staining, mostly dry, some gypsum between 50' and 55' bgs	
57.5	MW-BD-57.5		2		2" diameter, 0.010" slot, Schedule 40 PVC screen
60			0.3		
62.5	MW-BD-60		1.9		
65			2.7	Denver blue siltstone: Fine grain, blue to gray, dry, clay interbeds from 58' to 60' bgs	2" diameter Schedule 40 PVC end cap
67.5			6.7		
70			19.1		
72.5			15.4		

## **Appendix D Sewer Scoping Screen Shots**



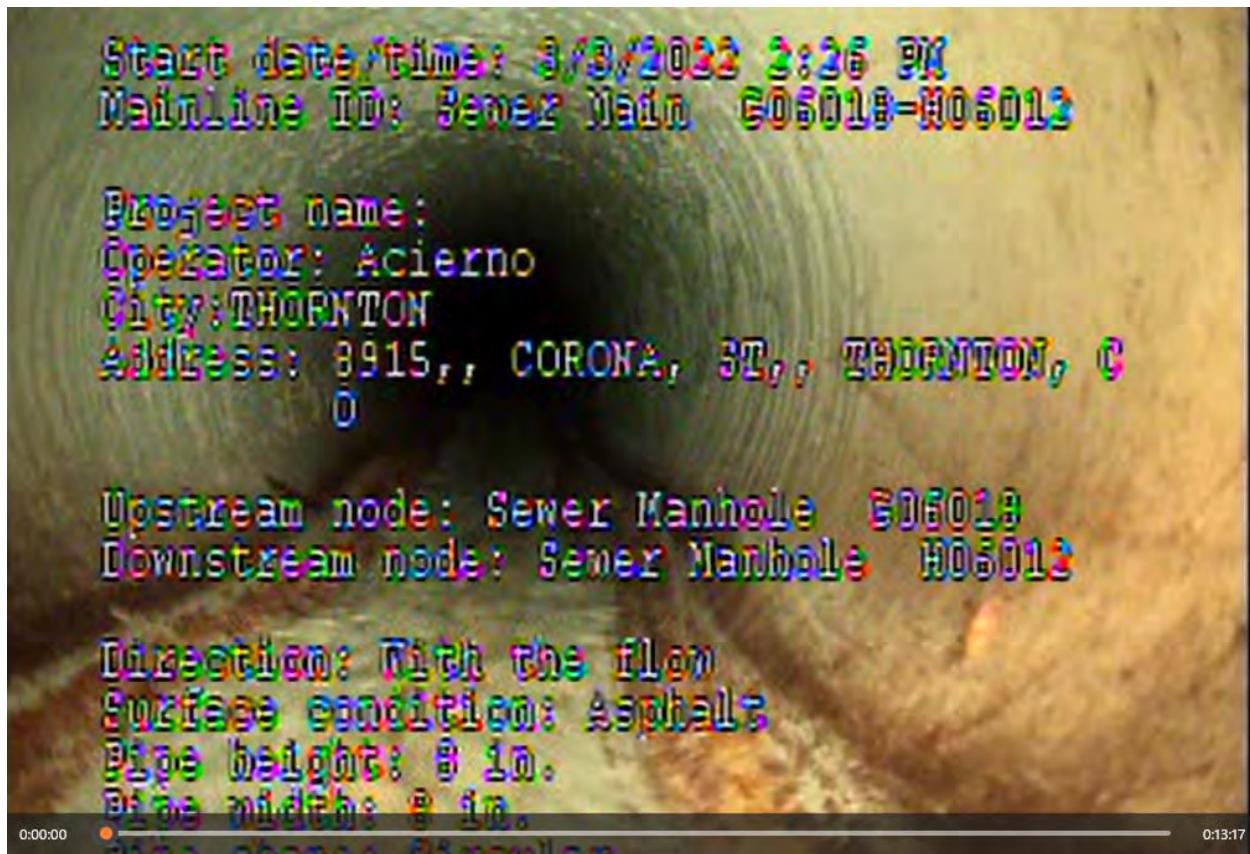
**Manhole G06017 to G06018**

**Total length:** 296 feet, full length surveyed

**Pipe construction:** Concrete

**Breaches/offsets:** "Hole" in pipe at 230 feet from G06017

**Date of Survey:** 3/1/24



**Manhole G06018 to H06012**

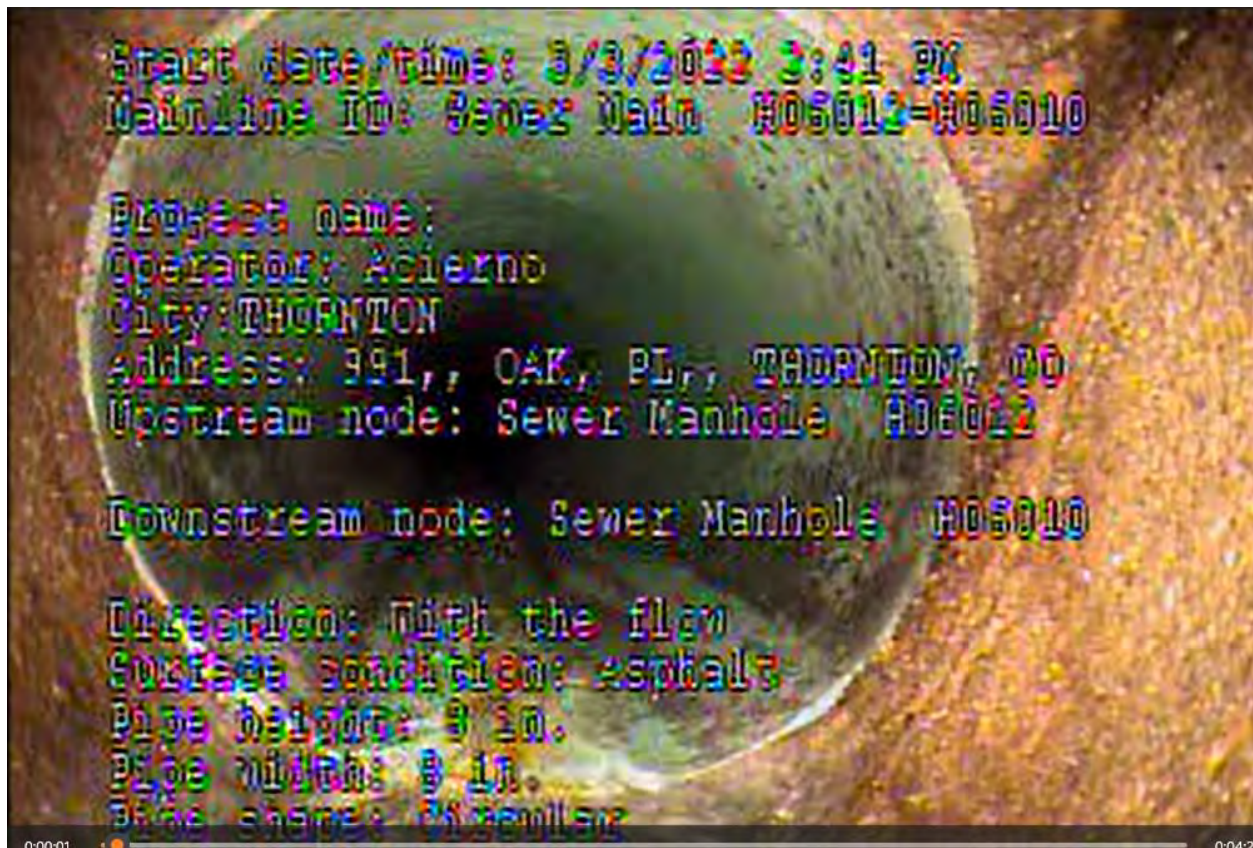
**Total length:** 313 feet, full length surveyed

**Pipe construction:** PVC

**Breaches/offsets:** None

**Date of Survey:** 3/3/22





**Manhole H06012 to H06010**

**Total length:** 400 feet, only 20 feet accessible due to extended service line

**Pipe construction:** PVC

**Breaches/offsets:** None

**Date of Survey:** 3/3/22

## **Appendix E Sample Field Sheets**

## Soil Sampling Sheet

Sample Identification No. SAC - A + 0 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A + 0

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0846

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - A + 0 - 7.5 D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A + 0

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 0852

Sample Type: Discrete

### Comments/Observations:

DUP  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-A+0-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+0

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0852

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+0-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+0

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0850

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+0-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: ~~17.5~~ A+0

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0902

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+0-21

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+0

Depth: 21.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0908

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+2-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+2

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 0923

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - A+2-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+2

Depth: 7.2

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0928

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+2-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+2

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0931

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+2-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tare

### Sample Location

Location: A+2

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 0941

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-A+2-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+2

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 0953

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+4-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+4

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1002

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+4-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+4

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1008

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A + 4 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A + 4

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1011

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - A+4 - 17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+4

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1021

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - A+4 - 22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+4

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1030

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+6 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trice

### Sample Location

Location: A+6

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1046

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+6-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+6

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1100

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-X A+G-7.5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+G

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1100

Sample Type: Discrete

### Comments/Observations:

DUP

## Soil Sampling Sheet

Sample Identification No. SAC - A+6 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+6

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1117

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+G - 17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+G

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1133

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - A+6 - 22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+6

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1143

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-A+7-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+7

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1323

Sample Type: Discrete

### Comments/Observations:

Snowy weather cleared. Missed this  
sanitary sewer boring.

## Soil Sampling Sheet

Sample Identification No. SAC-A+7-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+7

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1326

Sample Type: Discrete

### Comments/Observations:

Asphalt found at 8 feet

Soil Sampling Sheet

Sample Identification No. SAC-A+7-12.5

**Project Information**

Project Name: Thornton Shopping Center

Sampler Name: Emily True

**Sample Location**

Location: A+7

Depth: 12.5

**Analyses**

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sample Collection Information**

Date and Time: 11/7/24 1332

Sample Type: Discrete

**Comments/Observations:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+7-16

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+7

Depth: 16.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/7/24 1339

Sample Type: Discrete

### Comments/Observations:

Lots of water in this core, starting  
~15 feet deep  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-A+7-20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+7

Depth: 20.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/7/24 1342

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+8-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: A+8

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1156

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+8

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1200

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. BAC-A+8-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: A+8

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1205

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+8-17

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+8

Depth: 7.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1213

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-A+8-20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: A+8

Depth: 20.0

### Analyses

VOCs

\_\_\_\_\_

\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1215

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC - B.5+1-5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: B.5 + 1

Depth: 5.0

Analyses

VOCs

Sample Collection Information

Date and Time: 11/4/24 1415

Sample Type: Discrete

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B.5+1-11.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trv8

### Sample Location

Location: B.5+1

Depth: 11.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1422

Sample Type: Discrete

### Comments/Observations:

80 p



## Soil Sampling Sheet

Sample Identification No. SAC - B.5+1-16

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B.5+1

Depth: 16.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1431

Sample Type: \_\_\_\_\_

### Comments/Observations:

80ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B.5+1-22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B.5+1

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1435

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - B.5+7-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B.5+7

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0945

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. 8AC-B.5+7-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: B. 5+7

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0950

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B.5+7-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: B.5+7

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0957

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B.S+7-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B.S+7

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 1009

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B. 5+7-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B. 5+7

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 1026

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+0-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+0

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1524

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+0-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+0

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1520

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+0-13

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+0

Depth: 13.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1533

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+0-18

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+0

Depth: 18.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1546

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-B+0-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+0

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1548

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - B + 2 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B + 2

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1449

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+2-2.5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+2

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1449

Sample Type: Discrete

### Comments/Observations:

DUP

## Soil Sampling Sheet

Sample Identification No. SA C-B+Z-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+Z

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1500 Z.F

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+2-13.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+2

Depth: 13.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1518

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-B+2-18

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+2

Depth: 18.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1524

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - B + 2 - 23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B + 2

Depth: 23 . 0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1530

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+4-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 0828

Sample Type: Discrete

### Comments/Observations:

Waste characterization bore hole  
with 1 discrete sample every core.

## Soil Sampling Sheet

Sample Identification No. SAC - B+ 4(0-5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 0-5.0

### Analyses

VOCs - Total 4.02

TCLP 8.02

### Sample Collection Information

Date and Time: 11/5/24 0835

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+4-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 0834

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC-B+4(5-10)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: B+4

Depth: 5.0 - 10.0

Analyses

VOCs - Total 4oz

TCLP 8oz

Sample Collection Information

Date and Time: 11/5/24 0840

Sample Type: Composite

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+4 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 0845

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+4 (10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 10.0 - 15.0

### Analyses

VOCs - Total 402

TCLP - 802

### Sample Collection Information

Date and Time: 11/5/24 0855

Sample Type: Composite

### Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC-B+4-17.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: B+4

Depth: 17.5

Analyses

VOCs

Sample Collection Information

Date and Time: 11/5/24 0907

Sample Type: Discrete

Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC - B+4 (15-23)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: B+4

Depth: 15.0 - 23.0

Analyses

VOCs - Total 4.02

TCLP - 8.02

Sample Collection Information

Date and Time: 11/5/24 0910

Sample Type: Composite

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+4-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+4

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 0915

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+6-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+6

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1512

Sample Type: Discrete

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC-B+L-7.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: B+L

Depth: 7.5

Analyses

VOCs

Sample Collection Information

Date and Time: 10/29/24 1518

Sample Type: Discrete

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+6-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+6

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1523

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+6-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+6

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1528

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-B+6-21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+6

Depth: 21.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1540

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+ 8-4

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+8

Depth: 4.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1311

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B+8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+8

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1314

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - B+8 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+8

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 12:5 PM

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+8-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+8

Depth: 17.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1326

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B+8-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: B+8

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1338

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - C.S + 1 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.S + 1

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1336

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C.5+1-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.5+1

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1339

Sample Type: Discrete

### Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC-C. 5+1-11.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trve

Sample Location

Location: C. 5+1

Depth: 11.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/4/24 1348

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-C.5+1-11.5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.5+1

Depth: 11.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1348

Sample Type: Discrete

### Comments/Observations:

DUP

## Soil Sampling Sheet

Sample Identification No. SAC - C.5 + 1 - 17

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trve

### Sample Location

Location: C.5 + 1

Depth: 17.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1401

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC - C.5+7 - 2.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: C.5+7

Depth: 2.5

Analyses

VOGs

Sample Collection Information

Date and Time: 10/31/24 0830

Sample Type: Discrete

Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - C.5+7 - ~~2.5~~ 7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.5+7

Depth: ~~2.5~~ 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 0839

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-C.G+7-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.G+7

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 0843

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-C.5+7-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.5+7

Depth: 17.5

### Analyses

VOGs

### Sample Collection Information

Date and Time: 10/31/24 0850

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - C.5 + 7 - 23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C.5+7

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 0905

Sample Type: \_\_\_\_\_

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - C+O - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+O

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1443

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-C+0-10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+0

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1453

Sample Type: Discrete

### Comments/Observations:

1.6 ppm

## Soil Sampling Sheet

Sample Identification No. SAC-C+0-14

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+0

Depth: 14.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1459

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - Ct 0 - 18

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Ct 0

Depth: 18.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1514

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - C+0 - 22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+0

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1517

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SA-C+2(0-5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+2

Depth: 0-5.0

### Analyses

VOCs - Total 4oz

TCLP 8oz

### Sample Collection Information

Date and Time: 11/5/24 1240

Sample Type: Composite

### Comments/Observations:

Bore hole located on the uplifted  
foundation, the suspected source  
Waste characterization & Discrete:

Soil Sampling Sheet

Sample Identification No. SAC - C+2 (S-10)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: C+2

Depth: 5.0-10.0

Analyses

NOCs - Total 4oz

TCLP - 8oz

Sample Collection Information

Date and Time: 11/5/24 1249

Sample Type: Composite

Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC - C+2(10-18)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: C+2

Depth: 10.0 - 15.0

Analyses

VOCs - Total 4oz

TCLP 8oz

Sample Collection Information

Date and Time: 11/5/24 1257

Sample Type: Composite

Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC- C+Z(15-20)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trul

Sample Location

Location: C+Z

Depth: 15.0 - 20.0

Analyses

VOCs - Total 402

TCLP 802

Sample Collection Information

Date and Time: 11/5/24 1249

Sample Type: Composite

Comments/Observations:

456 ppm

Reading taken in bag after crushing  
& mixing soils. Other cores volatilized  
too quickly & PID readings were not taken  
under these parameters.



Soil Sampling Sheet

Sample Identification No. SAC-C+2 (20-24)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: C+2

Depth: 20.0 - 24.0

Analyses

VOCs - Total 402

TCLP - 802

Sample Collection Information

Date and Time: 11/5/24 1311

Sample Type: Composite

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-C+Z-24

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+Z

Depth: 24.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 1312

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+4-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trve

### Sample Location

Location: C+4

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 0931

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C4-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truel

### Sample Location

Location: C4

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 0938

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - C+4 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+4

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 0944

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC- C+4-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+4

Depth: 17.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 0951

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+4-22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+4

Depth: 22.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 <sup>0959</sup>  
~~1019~~

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+6 (0-5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+6

Depth: 0-5 feet

### Analyses

TCLP-8oz

VOCs-Total 4oz

### Sample Collection Information

Date and Time: 10/31/24 1245

Sample Type: Composite

### Comments/Observations:

Waste Characterization



## Soil Sampling Sheet

Sample Identification No. SAC - CHe(5-10)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: CHe

Depth: 5-10 feet

### Analyses

TCLP 802

VOGs - Total 402

### Sample Collection Information

Date and Time: 10/31/24 1255

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-CHL (10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: CHL

Depth: 10-15 feet

### Analyses

TCLP 802

VOCs - Total 402

### Sample Collection Information

Date and Time: 10/31/24 1300

Sample Type: Composite

### Comments/Observations:

Refusal at 15 feet

## Soil Sampling Sheet

Sample Identification No. SAC-C+6-15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truel

### Sample Location

Location: C+6

Depth: 15.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1257

Sample Type: Discrete

### Comments/Observations:

Refusal

## Soil Sampling Sheet

Sample Identification No. SAC - C+8 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trice

### Sample Location

Location: C+8

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1351

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-Ct8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Ct8

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/27/24 1355

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-Ct8-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Ct8

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1359

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. \_\_\_\_\_

SAC-C+8-17.5

### Project Information

Project Name: \_\_\_\_\_ Thornton Shopping Center \_\_\_\_\_

Sampler Name: \_\_\_\_\_

Emily True

### Sample Location

Location: \_\_\_\_\_

C+8

Depth: \_\_\_\_\_

17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: \_\_\_\_\_

10/29/24

1407

Sample Type: \_\_\_\_\_

Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-C+8-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: C+8

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1419

Sample Type: Discrete

### Comments/Observations:



## Soil Sampling Sheet

Sample Identification No. SAC-D.S+1-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.S+1

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1235

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D.S+1-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.S+1

Depth: 7.5

### Analyses

VOCS  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1240

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - D.S + 1 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil True

### Sample Location

Location: D.S + 1

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1244

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D.5+1-18.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.5+1

Depth: 18.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1254

Sample Type: D. sample

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D. S+7-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D. S+7

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 0924

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D.5+7-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.5+7

Depth: 7.5

### Analyses

VOGs

### Sample Collection Information

Date and Time: 10/31/24 0927

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D.5+7-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.5+7

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 0932

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D.S+7-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.S+7

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 0939

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D.5+7-21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D.5+7

Depth: 21.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 0943

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+0-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+0

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1325

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+O-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+O

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1330

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+0-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+0

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1340

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+0 - 17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+0

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1353

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+0-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+0

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1408

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+2-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 2.5

### Analyses

VOCS

### Sample Collection Information

Date and Time: 11/5/24 1109

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+2-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 7.5

### Analyses

VOCS  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 1115

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC - D+2 - 12.5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1120

Sample Type: Discrete

### Comments/Observations:

DUP

## Soil Sampling Sheet

Sample Identification No. SAC-D+2-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1120

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+2-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1127

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+2-22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+2

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1141

Sample Type: Discrete

### Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC-D+4-2.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: D+4

Depth: 2.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/5/24 1019

Sample Type: Discrete

Comments/Observations:

Waste characterization hole - discrete  
& comp sample taken  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+4 (0-5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+4

Depth: 0-5.0

### Analyses

VOCs - Total 4.02

TCLP - 8.02

### Sample Collection Information

Date and Time: 11/5/24 1023

Sample Type: Discrete Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+4-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+4

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 1027

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC-D+4(5-10)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: D+4

Depth: 5.0 - 10.0

Analyses

VOCs - Total 4oz

TCLP - 8oz

Sample Collection Information

Date and Time: 11/5/24 1032

Sample Type: Discrete Composite

Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC-D+4-12.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: D+4

Depth: 12.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/5/24 1034

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+4(10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trux

### Sample Location

Location: D + 4

Depth: 10.0 - 15.0

### Analyses

VOCs - Total 4.02

TCLP - 8.02

### Sample Collection Information

Date and Time: 11/5/24 1043

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+4-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+4

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1046

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D + 4 (15-23.5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D + 4

Depth: 15-23.5

### Analyses

VOCs - Total 402

TCLP - 802

### Sample Collection Information

Date and Time: 11/5/24 1056

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+4-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+4

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1052

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+6-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+6

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/30/24 0853

Sample Type: Discrete

### Comments/Observations:

37° and rainy  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D+6-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+6

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0858

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+6-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+6

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0906

Sample Type: Discrete

### Comments/Observations:



## Soil Sampling Sheet

Sample Identification No. SAC-D+6-17

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: D+6

Depth: 17.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0919

Sample Type: Discrete

### Comments/Observations:

10.8 ppm PID reading

## Soil Sampling Sheet

Sample Identification No. SAC-D+6-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+6

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/30/24 0935

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D+8-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+8

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1431

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+8

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1435

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+8-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: D+8

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1440

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+8-18.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: D+8

Depth: 18.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/29/24 1451

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D+8-22

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: D+8

Depth: 22.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/29/24 1459

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - E+0 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+0

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1243

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+0-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+0

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1248

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - E+0 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+0

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1251

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+0-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+0

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1259

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - E+0 - 21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+0

Depth: 21.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1310

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - E+2 (5-10)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+2

Depth: 5.0 - 10.0

### Analyses

VOCs - Total 4.2

TCLP - 8.02

### Sample Collection Information

Date and Time: 11/4/24 1159

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+2 (10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+2

Depth: 10.0 - 15.0

### Analyses

VOCs - Total 402

TEL 802

### Sample Collection Information

Date and Time: 11/4/24 1210

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+2(15-23)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trux

### Sample Location

Location: E+2

Depth: 15.0 - 23.0

### Analyses

VOCs - Total 4.2

TCLP - 8.2

### Sample Collection Information

Date and Time: 11/4/24 1215

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+2-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+2

Depth: 23.0

### Analyses

VOCs - Total 402

TEL 802

### Sample Collection Information

Date and Time: 11/4/24 1217

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - E+4-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+4

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 1047

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-E+4-10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+4

Depth: 10.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1054

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC - E+4 - 15.5

**Project Information**

Project Name: Thornton Shopping Center

Sampler Name: Emily True

**Sample Location**

Location: E+4

Depth: 15.5

**Analyses**

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Sample Collection Information**

Date and Time: 11/4/24 1059

Sample Type: Discrete

**Comments/Observations:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - E+4 - 20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+4

Depth: 20.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1108

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-E+4-24

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+4

Depth: 24.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1110

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-E+6 (5-10)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+6

Depth: 5-10 feet

### Analyses

TCLP - 8oz

VOCs - Total 4oz

### Sample Collection Information

Date and Time: 10/31/24 1057

Sample Type: Composite

### Comments/Observations:

Waste Characterization  
0-5 feet hand augered

## Soil Sampling Sheet

Sample Identification No. SAC - E+6 (10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+6

Depth: 10-15 feet

### Analyses

TCLP 8oz

VOCs - Total 4oz

### Sample Collection Information

Date and Time: 10/31/24 1114

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - E+6 (15-20)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+6

Depth: 15-20 feet

### Analyses

TCLP 802

VOGs - Total 402

### Sample Collection Information

Date and Time: 10/31/24 <sup>1157</sup> ~~1157~~ ~~1114~~

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC- E+6 (20-22.5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+6

Depth: 20-22.5 oz

### Analyses

TCLP 8oz

VOCs - Total 4oz

### Sample Collection Information

Date and Time: 10/31/24 1200

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-E+8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+8

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1000

Sample Type: Discrete

### Comments/Observations:

0-5 feet hand augered  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-E+8-7.5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+8

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1006

Sample Type: Discrete

### Comments/Observations:

DUP  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-E+8-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+8

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1012

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-E+8-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+8

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1020

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-E+8-22

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: E+8

Depth: 22.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1030

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-F.5+6-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F.5+6

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 0846

Sample Type: Discrete

### Comments/Observations:

Potholed 0-5

## Soil Sampling Sheet

Sample Identification No. SAC-F.5+6-11.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F.5+6

Depth: 11.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 0854

Sample Type: Discrete

### Comments/Observations:



## Soil Sampling Sheet

Sample Identification No. SAC-F.5+6-16.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F.5+6

Depth: 16.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 0902

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F.S+L-20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F.S+L

Depth: 20.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 0916

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F.5+6-24.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F.5+6

Depth: 24.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 0924

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-F+0-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 0

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1100

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+O-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+O

Depth: 7.5

### Analyses

VOCS

### Sample Collection Information

Date and Time: 10/28/24 1111

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - F+0 - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+0

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1154

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+O-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+O

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1200

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+Ø-21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+Ø

Depth: 21.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1208

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-F+2-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+2

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 0925

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - F + 2 - 10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 2

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 0932

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+2-15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+2

Depth: 15.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/4/24 0938

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. STC-F+2-19

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+2

Depth: 19.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 0946

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F + 2 - 23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 2

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 0950

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F+4 (0-5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+4

Depth: 0 - 5.0

### Analyses

VOCs - Total 4.02

TCLP 8.02

### Sample Collection Information

Date and Time: 11/4/24 1005

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - F + 4 (5-10)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 4

Depth: 5.0 - 10.0

### Analyses

VOCs - Total 402

TCLP 802

### Sample Collection Information

Date and Time: 11/4/24 1012

Sample Type: Composite  
Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+4 (10-15)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+4

Depth: 10.0 - 15.0

### Analyses

VOCs - Total 4.2

TCLP - 8.2

### Sample Collection Information

Date and Time: 11/4/24 1017

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+4 (15-21.5)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+4

Depth: 15.0 - 21.5

### Analyses

VOCs - Total 4.02

TCLP - 8.02

### Sample Collection Information

Date and Time: 11/4/24 1030

Sample Type: Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+4-21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+4

Depth: 21.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/4/24 1032

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+6-S

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+6

Depth: 5.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 0942

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F+6 - 11

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+6

Depth: 11.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 0947

Sample Type: Discrete

### Comments/Observations:

1137 ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F+6 - 15.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+6

Depth: 15.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 Discrete 0955

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - F + 6 - 19

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 6

Depth: 19.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1001

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - F + 6 - 23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 6

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1006

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F + 7 - 7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil True

### Sample Location

Location: F + 7

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1018

Sample Type: Discrete

### Comments/Observations:

0-5 feet potholed  
Sanitary sewer  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-F+7-11

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+7

Depth: 11.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1024

Sample Type: Discrete

### Comments/Observations:

760 ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+7-18.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil True

### Sample Location

Location: F+7

Depth: 18.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 <sup>1033</sup>  
105 ppm

Sample Type: Discrete

### Comments/Observations:

105 ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - F + 7 - 21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F + 7

Depth: 21.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1038

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+8-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+8

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1308

Sample Type: Discrete

### Comments/Observations:

0-5 ft potholed

## Soil Sampling Sheet

Sample Identification No. SAC-F+8-10.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trice

### Sample Location

Location: F+8

Depth: 10.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1313

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+8-16

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: F+8

Depth: 16.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1317

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-F+8-18.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truel

### Sample Location

Location: F+8

Depth: 18.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1322

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-F+8-21

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truel

### Sample Location

Location: F+8

Depth: 2.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1327

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Soil Sampling Sheet

Sample Identification No. SAC - G.5+3 - 2.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: G.5+3

Depth: 2.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/1/24 1357

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G.5+3-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G.5+3

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1404

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-G.5+3-11

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G.5+3

Depth: 11.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1412

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - G.5+3-14

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G.5+3

Depth: 14.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1415

Sample Type: Discrete

### Comments/Observations:

Refusal  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - G.5 + 5 - 5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G.5 + 5

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1054

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - G.5+5 - 12

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC G.5+5

Depth: 12.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1059

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - G.5+5 - 12 15.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G.5+5

Depth: 15.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1108

Sample Type: Discrete

### Comments/Observations:

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Soil Sampling Sheet

Sample Identification No. SAC - G.5+5-15.5D

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: G.5+5

Depth: 15.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/1/24 1108

Sample Type: Discrete

Comments/Observations:

DUP  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Soil Sampling Sheet

Sample Identification No. SAC - G.5+5 - 18.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: G.5+5

Depth: 18.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/1/24 1111

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - G+0 - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+0

Depth: 1020

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 / 1020

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G+0-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: \_\_\_\_\_

### Sample Location

Location: G+0

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1024

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G+0-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+0

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1031

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G+0-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+0

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - G+0 - 21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+0

Depth: 21.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 1047  
1100 ET

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC - G1 + 2 (5-10)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: G1 + 2

Depth: 5.0 - 10.0

Analyses

VOCs - Total 4.2

TCLP 8.02

Sample Collection Information

Date and Time: 11/1/24 1524

Sample Type: Composite

Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC - G+2 (10-15)

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: G+2

Depth: 10.0 - 15.0

Analyses

VOCs - Total 4.2

TCLP - 8.2

Sample Collection Information

Date and Time: 11/1/24 1535

Sample Type: Composite

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - Gt + 2 (15-22)

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Gt + 2

Depth: 15.0 - 22.0

### Analyses

VOCs - Total 4.2

TCLP - 8.2

### Sample Collection Information

Date and Time: 11/1/24 1540

Sample Type: Dir Composite

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-G+Z-22

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+Z

Depth: 22.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1542

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G+4-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+4

Depth: 5.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1426

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC- G+4 - 5D

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+4

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1426

Sample Type: Discrete

### Comments/Observations:

DUP

## Soil Sampling Sheet

Sample Identification No. SAC - G+4 - 10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: G+4 Emily True

### Sample Location

Location: G+4

Depth: 10.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1434

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - G+4 - 15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil Tree

### Sample Location

Location: G+4

Depth: 15.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1441

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-G+4-20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+4

Depth: 20.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1445

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - Gt 4 - 23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Gt 4

Depth: 23.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1450

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-GT8-S

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil True

### Sample Location

Location: GT8

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1336

Sample Type: Discrete

### Comments/Observations:

Potholed 0-5 ft

## Soil Sampling Sheet

Sample Identification No. SAC-G+8-10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+8

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1341

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-Gt8-14

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Gt8

Depth: 14.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1355

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-GT8-18

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: GT8

Depth: 18.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1402

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-G+8-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: G+8

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1414

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+Ø - 2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+Ø

Depth: 2.5 feet

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 0930

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+Ø - 7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+Ø

Depth: 7.5 feet

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 0930

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+Ø - 12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+Ø

Depth: 12.5 feet

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/28/24 0952

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC - H+0 - 17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+0

Depth: 17.5 feet

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/28/24 1000

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# Soil Sampling Sheet

Sample Identification No. SAC-H+0-21.5

## Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

## Sample Location

Location: H+0

Depth: 21.5 feet

## Analyses

VOGs

## Sample Collection Information

Date and Time: 10/28/24 1000<sup>hr</sup> 1005

Sample Type: Discrete

## Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-H+2-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+2

Depth: 5.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1256

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC- H+2-10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+2

Depth: 10.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1313

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+2 - 15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+2

Depth: 15.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1327

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+2-20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+2

Depth: 20.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1334

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - H+2-24.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+2

Depth: 24.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1344

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-H+4-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+4

Depth: 5.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/1/24 1129

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC - H+4 - 10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+4

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1133

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - H+4 - 15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+4

Depth: 15.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1140

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. DAC - H+4 - 20

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+4

Depth: 20.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1147

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-H+4-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+4

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/1/24 1150

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-H+6-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+6

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1511

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-H+6-10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+6

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1515

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-H+L-15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+L

Depth: 15.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1519

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-H+6-18

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+6

Depth: 18.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1528

Sample Type: Discrete

### Comments/Observations:



## Soil Sampling Sheet

Sample Identification No. SAC- H+6- 23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+6

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1533

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-H+8-5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+8

Depth: 5.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1431

Sample Type: Discrete

### Comments/Observations:

Potholed 0-5 ft

## Soil Sampling Sheet

Sample Identification No. SAC - H+8 - 10

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emil True

### Sample Location

Location: H+8

Depth: 10.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1435

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-H+8-15

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H+8

Depth: 15.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 10/31/24 1441

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-H+8-19

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True  
SAC-H+8-19

### Sample Location

Location: H+8

Depth: 19.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1458

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC- H18 -23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: H18

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 10/31/24 1500

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-B-2-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: #Emily True

### Sample Location

Location: SAC-B-2

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 0900

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B-2 - 7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-B-2

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 0904

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Soil Sampling Sheet

Sample Identification No. SAC-B-2-12.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-B-2

Depth: 12.5

Analyses

VOCs

Sample Collection Information

Date and Time: 12/4/24 0908

Sample Type: Discrete

Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-B-2-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-B-2

Depth: 17.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 0920

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-B-2-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-B-2

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 0945

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C-2-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C-2

Depth: 2.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 0958

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C-2-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C-2

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1002

Sample Type: Discrete

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC-C-2-12.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-C-2-

Depth: 12.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 12/4/24 1009

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C-2-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C-2

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1020

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-C-2-21

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C-2

Depth: 21.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1040

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-C-2-25

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C-2

Depth: 25.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1043

Sample Type: Discrete

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC-C-2-2SD

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-C-2

Depth: 25.0

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 12/4/24 1043

Sample Type: Discrete

Comments/Observations:

DUP  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-D-2

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1105

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-D-2

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1110

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-D-2

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1120

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truse

### Sample Location

Location: SAC-D-2

Depth: 17.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1137

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-D-2

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1145

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+OD-22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-A+OD Deep

Depth: 22.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 0950

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC - A + OD - 27.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - A + OD Deep

Depth: 27.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1000

Sample Type: Gravel

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+0D-30

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-A+0 Deep

Depth: 30

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1002

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - A + OD - 35

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - A + @ Deep

Depth: 35.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/14/25 1015

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+OD-38.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-A+OD

Depth: 38.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1030

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-A+OD-44.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-A+OD Deep

Depth: 44.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/14/25 1045

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - A+OD - 50

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - A+OD Deep

Depth: 50

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/10/25 1100

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - A + 0 D - 52

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - A + 0 Deep

Depth: 52

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 11:15 11:15

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 110 SAC-A+OD-55

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-A+OD

Depth: 55.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/16/25 1120

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC - A + OD - 60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: SAC - A + OD Deep

Depth: 60.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/10/25 1135

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+8D-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C+8 Deep (25-60')

Depth: 23.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/15/25 1245

Sample Type: Grnd

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. SAC-C+8D-27.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-C+8 Deep

Depth: 27.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 1/15/25 1250

Sample Type: Grab

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC-C+8D-32.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-C+8 Deep

Depth: 32.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 1/15/25 1305

Sample Type: Grab

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. SAC - C+8 D - 37

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC - C+8 Deep

Depth: 37.0

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 1/15/25 1325

Sample Type: Grab

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-CR8D-38.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: SA Emily True

### Sample Location

Location: SAC-CR8 Deep

Depth: 38.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/15/25 1340

Sample Type: Grnd

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C18D-40

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C18 Deep

Depth: 40

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/15/25 1341

Sample Type: 10 Grabs

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+8D-42

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C+8 Deep

Depth: 42.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/15/25 1345

Sample Type: Grab

### Comments/Observations:



## Soil Sampling Sheet

Sample Identification No. SAC - C+8D - 42.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Truel

### Sample Location

Location: SAC - C+8 Deep

Depth: 42.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/15/25 11:1346

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

C+8

Sample Identification No. SAC-~~A+0~~D-43.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-~~A+0~~ Deep

Depth: 43.5

Analyses

VOCs

Sample Collection Information

Date and Time: 1/15/25 1400

Sample Type: Grab

Comments/Observations:

Soil Sampling Sheet

C+8

Sample Identification No. SAC-A+ØD-47

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: SAC-C+8 Deep

Depth: 1415

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 1/15/25 1415

Sample Type: Grab

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-C+8D-53

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC-C+8 Deep

Depth: 53

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/16 15/25 1435

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC - C+8D - 57.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - C+8 Deep

Depth: 57.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/15/25 1448

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC - C+8D - 60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: SAC - C+8 Deep

Depth: 60.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/15/25 1450

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-25

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 25.0

### Analyses

VOCs

TOCs

### Sample Collection Information

Date and Time: 1/16/25 1420

Sample Type: Grab

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-30

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 30.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1440

Sample Type: Grabs

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-35

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 35.0

### Analyses

VOCs

TOCs

### Sample Collection Information

Date and Time: 1/16/25 1450

Sample Type: Grab

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-40

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 40.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/16/25 1515

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-43

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 43.0

### Analyses

VOCs

TOCs

### Sample Collection Information

Date and Time: 1/16/25 1520

Sample Type: Grab

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-48

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 48.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1555

Sample Type: Grabs

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-52

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 52.0

### Analyses

TOCs

VOCs

### Sample Collection Information

Date and Time: 1/16/25 1610

Sample Type: Grab

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. SAC-D-2D-60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: Source Area

Depth: 60.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/16/25 1645

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A (Lower) Deep Cluster

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-16-25 1048

Sample Type: Grabo

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A (Lower) Deep Cluster

Depth: 7.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-12-25 1128

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. MW-AD-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-6-25 1202

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (lower)

Depth: 17.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-12-25 17:5 1224

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. NW-AD-21.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 21.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-6-25 8:1355

Sample Type: Gravel

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-27.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 27.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-6-25 1420

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-32.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 32.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-6-25 1500

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. NW-AD-37.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MWA Deep Cluster (Lower)

Depth: 37.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-6-25 1535

Sample Type: Grain

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW - AD - 42.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 42.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-6-25 1555

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-AD-47.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 47.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-7-25 1055

Sample Type: Grabs

### Comments/Observations:

1.2 - 1.3 ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. MW-AD-52.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (Lower)

Depth: 52.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-7-25 1115

Sample Type: Grab

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. MW-AD-60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-A Deep Cluster (lower)

Depth: 60.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-7-25 ~~to~~ 1315

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. MW-BD-2.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: MW-B Deep Cluster

Depth: 2.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 01/12/25 1340

Sample Type: Grab

Comments/Observations:

From hand auger  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-BD-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Cluster

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 0900

Sample Type: Grabs

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-BD-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 12.5

### Analyses

1/13/25 VOCs

### Sample Collection Information

Date and Time: 1/13/25 0915

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. MW-BD-17.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: MW-B Cluster (Deep 60')

Depth: 17.5

Analyses

VOCs

Sample Collection Information

Date and Time: 1/13/25 0925

Sample Type: Grab

Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. MW-BD-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1015

Sample Type: Grab

### Comments/Observations:

41.6 ppm on PID

## Soil Sampling Sheet

Sample Identification No. MW-BD-27.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 27.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1025

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. MW-BD-32.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 32.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1043

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-BD-37.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 37.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1110

Sample Type: Grabo

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. MW-BD-42.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 42.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/13/25 42.5 1155

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-BD-47.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trve

### Sample Location

Location: MW-B Deep Cluster

Depth: 47.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1205

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. MW-BD-52.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 52.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1/13/25 1220

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-BD-60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-B Deep Cluster

Depth: 60.0

### Analyses

VOCs

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

### Sample Collection Information

Date and Time: 1/13/25 1245

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD-2.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Josh Rosen

### Sample Location

Location: MW-C Deep Cluster (Lower)

Depth: 2.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-9-25 1455

Sample Type: Grab

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. MW-CD-7.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: MW-C Deep Cluster (Lower)

Depth: 7.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 1-9-25 1530

Sample Type: Grab

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. MW-CD-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster (Lower)

Depth: 12.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 0910

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD-17.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster (lower)

Depth: 17.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 0930

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD- 22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Trice

### Sample Location

Location: NW-C Deep Cluster (lower)

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-10-25 1005

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD - 27.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster (Lower)

Depth: 27.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 1030

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD-27.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily Tree

### Sample Location

Location: MW-C Deep Cluster (lower)

Depth: 27.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-10-25 1030

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-ED-32.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster (Lower)

Depth: 32.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-10-25 1045

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD-38.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster (lower)

Depth: 38.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 1145

Sample Type: Grab

### Comments/Observations:

9 ppm  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD - 42.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster

Depth: 42.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 1205

Sample Type: Grab

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Soil Sampling Sheet

Sample Identification No. MW-CD-47.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Cluster

Depth: 47.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-10-25 1250

Sample Type: Gravel

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. MW-CD-52.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: MW-C Deep Cluster

Depth: 52.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 1-10-25 1400

Sample Type: Grabs

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. NW-CD-58

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: NW-C Deep Cluster

Depth: 58

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 1-10-25 1700

Sample Type: Grab

### Comments/Observations:

Fractured & highly saturated  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. NW-CD-60

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: NW-C Deep Cluster

Depth: 60

### Analyses

NOCs

### Sample Collection Information

Date and Time: 1-10-25 1645

Sample Type: Grab

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. 8946-1-7.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-1

Depth: 7.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1356

Sample Type: Discrete

### Comments/Observations:

8946 is the address. Moved adjacent to  
fence for final 10 soil borings  
2-3 samples taken in these borings:  
highest ppm, water table, and refusal

Soil Sampling Sheet

Sample Identification No. 8946-1-13

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-1

Depth: 13.0

Analyses

VOCs

Sample Collection Information

Date and Time: 11/5/24 1359

Sample Type: Discrete

Comments/Observations:

Suspected WT depth

## Soil Sampling Sheet

Sample Identification No. 8946-1-22.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-1

Depth: 22.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1413

Sample Type: Discrete

### Comments/Observations:

Refusal

Soil Sampling Sheet

Sample Identification No. 8946-2-13

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-2

Depth: 13.0

Analyses

VOCs

Sample Collection Information

Date and Time: 11/7/24 1015

Sample Type: Discrete

Comments/Observations:

Well installed



## Soil Sampling Sheet

Sample Identification No. 8946 - 2-23.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-2

Depth: 23.5

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/7/24 1030

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. 8946-3-13

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-3

Depth: 13.0

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/5/24 1443

Sample Type: Discrete

Comments/Observations:

DTW  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-3-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-3

Depth: 23.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 1503

Sample Type: Discrete

### Comments/Observations:

Refusal  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-4-13

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-4

Depth: 13.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 11/5/24 1535

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-4-22

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-4

Depth: 22.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/24 1549

Sample Type: 1549 Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. 8946-5-13

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-5

Depth: 13.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1109

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. 8946-5-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-5

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1135

Sample Type: Discrete

### Comments/Observations:

Soil Sampling Sheet

Sample Identification No. 8946-6-13

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-6

Depth: 13.0

Analyses

VOCs

Sample Collection Information

Date and Time: ~~11/7~~ 11/7/24 0918

Sample Type: Discrete

Comments/Observations:

Well installed at this location



Soil Sampling Sheet

Sample Identification No. 8946-6-23.5

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-6

Depth: 23.5

Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Collection Information

Date and Time: 11/7/24 0931

Sample Type: Discrete

Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-7-13

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-7

Depth: 13.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/5/11/7/24 1209

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. 8946-7-24

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-7

Depth: 24.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1220

Sample Type: Discrete

### Comments/Observations:

## Soil Sampling Sheet

Sample Identification No. 8946-8-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-8

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1350

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-8-23

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-8

Depth: 23.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1415

Sample Type: Discrete

### Comments/Observations:

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## Soil Sampling Sheet

Sample Identification No. 8946-9-12.5

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-9

Depth: 12.5

### Analyses

VOCs

### Sample Collection Information

Date and Time: 12/4/24 1236

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

## Soil Sampling Sheet

Sample Identification No. 8946-9-22

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-9

Depth: 22.0

### Analyses

VOCs  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### Sample Collection Information

Date and Time: 12/4/24 1305

Sample Type: Discrete

### Comments/Observations:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Soil Sampling Sheet

Sample Identification No. 8946-10-13

Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

Sample Location

Location: 8946-10

Depth: 13.0

Analyses

VOCs

Sample Collection Information

Date and Time: 11/7/24 1220

Sample Type: Discrete

Comments/Observations:

Could not locate 8946-8 and -9  
under snow / loose gravel



## Soil Sampling Sheet

Sample Identification No. 8946-10-21

### Project Information

Project Name: Thornton Shopping Center

Sampler Name: Emily True

### Sample Location

Location: 8946-10

Depth: 21.0

### Analyses

VOCs

### Sample Collection Information

Date and Time: 11/7/24 1303

Sample Type: Discrete

### Comments/Observations:

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**Appendix F Laboratory Sheets - SEE Volume 2**

Lab Report	Sample Source
L1821904	8946 Groundwater samples
L1818584	Deep borings soils
L1817832	Deep borings soils
L1816980	Deep well soils
L1815876	Deep well soils
L1806735	SAC/8946 Borings
L1797703	SAC/8946 Borings
L1796513	SAC borings
L1796578	SAC borings
L1795810	SAC borings
L1795155	SAC borings
L1794836	SAC borings
L1793992	SAC borings
L1794275	SAC borings

## **Appendix G CDPHE Correspondence**

**From:** [Flamenco - CDPHE, Evelin](#)  
**To:** [Jack Denman](#)  
**Cc:** [Fraser - CDLE, Julia](#); [Chad Howell](#); [Mruz - CDPHE, Richard](#)  
**Subject:** Re: TSC - Deep borings and MW-37 Location Proposal  
**Date:** Thursday, January 23, 2025 11:16:01 AM  
**Attachments:** [image002.png](#)  
[image003.png](#)

**CAUTION** This email originated from outside our organization. Do not click links or open attachments unless you recognize the sender and verify the email address matches their name.

Jack,

The Division approves the deep boring locations and the new relocation for MW-37.

Thank you,

Evelin Flamenco  
Environmental Protection Specialist  
Hazardous Waste Corrective Action Unit



Phone: 303-692-3283  
4300 Cherry Creek Drive South, Denver, CO 80246  
[evelin.flamenco@state.co.us](mailto:evelin.flamenco@state.co.us) | [www.colorado.gov/cdphe/hm](http://www.colorado.gov/cdphe/hm)

On Sun, Jan 12, 2025 at 6:15 PM Jack Denman <[jdeman@erresources.com](mailto:jdeman@erresources.com)> wrote:

Evelin and Julia –

Thank you for coming to visit the field and observe the sonic drilling last week. I hope it was informative. As we move toward the deeper assessment, on behalf of TDA, we want to propose the following locations for the Source Supplemental Area Characterization Plan (SSACP) deep soil borings and adjustment within the Long Term Groundwater Monitoring Plan (LTGMP) regarding MW-37:

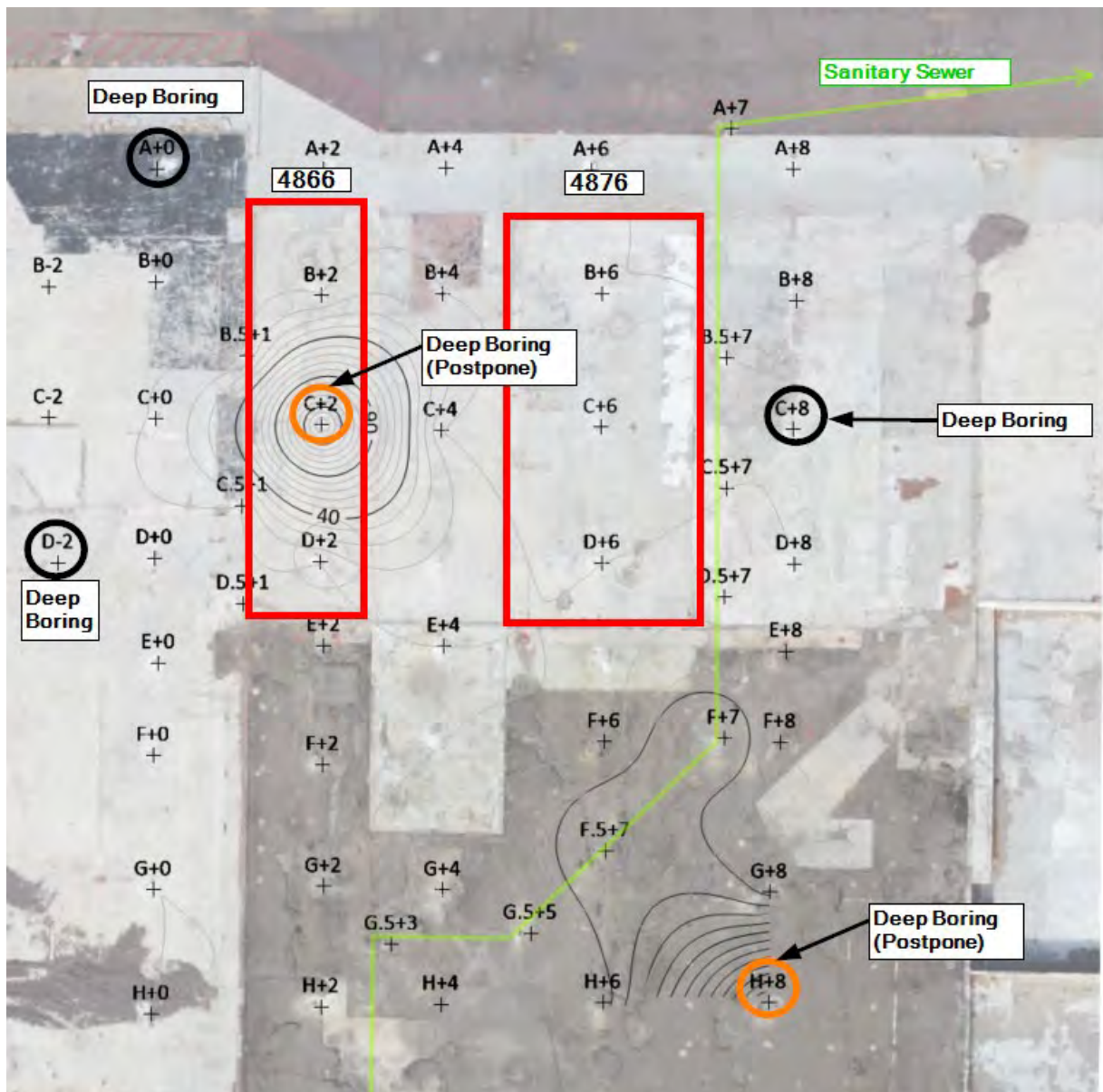
**1. SSACP - Deep boring locations.**

- In accordance with Section 2.2 of the SSACP, five additional deep soil borings are proposed to evaluate deep soil VOC concentrations based on the initial shallow soil results.
- The table below presents the results of soil sampling from shallow soil borings associated with the SSACP for soil samples that exceeded 1 milligram per kilogram (mg/kg).
- The figure below illustrates a preliminary composite contouring of PCE concentrations between 10 and about 23 feet below ground surface as well as the location of the proposed deep soil borings.
- The deep drilling plan proposes to install deep soil borings in the locations listed below, however because of the high PCE concentrations encountered during the shallow drilling, two of the borings (at the C-2 and H-8 locations) are proposed to be delayed until after treatment and/or removal of the shallow soil contamination. TDA proposes to delay the installation of these two locations to because of the risk for cross-contamination by drilling through the most contaminated areas of the site. To minimize the risk of cross-contamination or exacerbating deep, bedrock PCE contamination, these two borings would be drilled after shallow soil remediation occurs.
- The three proposed deep boring locations to be installed at this time (at locations A+0, C+8, and D-2) did not detect PCE in shallow soil samples between the surface and about 21 to 23 feet below ground surface. The locations are intended to delineate the anticipated perimeter of deeper bedrock contamination when coupled with the deep groundwater wells installed as part of the Long Term Groundwater Monitoring Plan.

**Table 1. Soils greater than 1.0 mg/kg and proposed deep soil boring locations.**

Shallow Soil Boring	Sample ID	Sample Depth	PCE (mg/kg)	Inclusion in Deep Drilling Rationale

C+2	SAC-C+2 (5-10)	5-10	43.9	Direct source area – <b>To be Postponed</b>
	SAC-C+2 (10-15)	10-15	176	
	SAC-C+2 (15-20)	15-20	348	
	SAC-C+2 (20-24)	20-24	107	
	SAC-C+2-24	24	2.14	
H+8	SAC-H+8-19	19	66	High PCE concentrations at base of boring. <b>To be postponed</b>
	SAC-H+8-23	23	20.8	
D-2		All Depths	All ND (<0.0025)	Delineate source area at C+2 to SW
C+8		All Depths	All ND (<0.0025)	Delineate source area at C+2 to E
A+0		All Depths	All ND (<0.0025)	Delineate source area at C+2 to NW
Remaining soil samples >1.0 mg/kg PCE				
C+0	SAC-C+0-10	10	25	No additional proposed borings – MW-22 data nearby
F+6	SAC-F+6-11	11	460	No additional proposed borings – MW-22 data nearby
F.5+7	SAC-F+7-11	11	22.5	No additional proposed borings – MW-22 data nearby
F.5+7	SAC-F+7-18.5	18.5	6.12	
F+7	SAC-F+7-11	11	22.5	No additional proposed borings – MW-22 data nearby
F+7	SAC-F+7-18.5	18.5	6.12	
F+6	SAC-F+6-19	19	1.62	No additional proposed borings – MW-22 data nearby
D+2	SAC-D+2-22.5	22.5	6.25	No additional proposed borings – Boring at C-2 to delineate



2. **LTGMP Well MW-37 relocation** – ERO assessed the proposed location for well MW-37 as previously approved in 2022 and anticipates significant utility conflicts with the location originally proposed and approved in the May 3, 2022 email from CDPHE to John Dellaport. The screen capture from Google Streetview shows water, sewer, electrical and telecom utilities all within the originally proposed location. To accommodate the anticipated utilities, ERO requests approval to shift the location into the Corona Street right-of-way, about 24 feet southeast. This new location appears to continue to be downgradient of OFS-1 and should fulfill the same intended purpose of performance monitoring.



If you have any questions, please feel free to give me a call at your earliest convenience or if you concur with this approach.

Thanks,

Jack

photo



**Jack Denman**  
Senior Geologist, ERO Resources Corporation

☐ 303.830.1188 ☐ 720.812.3576

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☐ [1626 Cole Blvd, Suite 100, Lakewood, CO 80401](#)



**From:** [Flamenco - CDPHE, Evelin](#)  
**To:** [Jack Denman](#)  
**Cc:** [Chad Howell](#); [Mruz - CDPHE, Richard](#); [Fraser - CDLE, Julia](#); [Jonathon Lubrano](#)  
**Subject:** Re: TSC Supplemental Source Area Characterization Plan V2.0  
**Date:** Wednesday, January 22, 2025 1:56:01 PM

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**CAUTION** This email originated from outside our organization. Do not click links or open attachments unless you recognize the sender and verify the email address matches their name.

Jack,

The extension request is approved for February 14, 2025. Please include this correspondence (the request and approval) in the report as an attachment.

Thank you,

Evelin Flamenco  
Environmental Protection Specialist  
Hazardous Waste Corrective Action Unit



Phone: 303-692-3283  
4300 Cherry Creek Drive South, Denver, CO 80246  
[evelin.flamenco@state.co.us](mailto:evelin.flamenco@state.co.us) | [www.colorado.gov/cdphe/hm](http://www.colorado.gov/cdphe/hm)

On Wed, Jan 22, 2025 at 9:06 AM Jack Denman <[jdenman@eroresources.com](mailto:jdenman@eroresources.com)> wrote:

Evelin,

On behalf of TDA, ERO has completed the field tasks associated with the Supplemental Source Area Characterization Plan (SSACP) dated September 11, 2024, however the combination of schedule availability for drill rigs in December and cold weather in January delayed the completion of the deep soil borings until January 16. With the delay, we are not anticipating to receive laboratory data from the deep soil borings until February 4.

To allow for appropriate time to evaluate the data with respect to the results from the shallow boring events and provide the information in a complete report, we respectfully request an extension of the submittal for the SSACP of no later than February 14, 2025.

Thank you for the prompt consideration of this request and please let me know if you have any questions.



Jack

**Jack Denman**  
Senior Geologist, ERO Resources Corporation

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---

**From:** Flamenco - CDPHE, Evelin <[evelin.flamenco@state.co.us](mailto:evelin.flamenco@state.co.us)>  
**Sent:** Thursday, September 26, 2024 4:55 PM  
**To:** Jack Denman <[jdenman@eroresources.com](mailto:jdenman@eroresources.com)>; Chad Howell <[chad.howell@thorntonco.gov](mailto:chad.howell@thorntonco.gov)>  
**Cc:** Mruz - CDPHE, Richard <[richard.mruz@state.co.us](mailto:richard.mruz@state.co.us)>; Fraser - CDLE, Julia <[julia.fraser@state.co.us](mailto:julia.fraser@state.co.us)>; Jonathon Lubrano <[Jonathon.Lubrano@coag.gov](mailto:Jonathon.Lubrano@coag.gov)>  
**Subject:** Re: TSC Supplemental Source Area Characterization Plan V2.0

**CAUTION** This email originated from outside our organization. Do not click links or open attachments unless you recognize the sender and verify the email address matches their name.

Hi Jack and Chad,

Please find the attached approval letter for the Supplemental Source Area Characterization Plan. Regarding the Indoor Air Monitoring Plan, we're still reviewing it and it's highly likely we'll request another meeting to discuss this plan.

Thank you,

Evelin Flamenco

Environmental Protection Specialist

Hazardous Waste Corrective Action Unit

[Redacted]

Phone: 303-692-3283

4300 Cherry Creek Drive South, Denver, CO 80246

[evelin.flamenco@state.co.us](mailto:evelin.flamenco@state.co.us) | [www.colorado.gov/cdphe/hm](http://www.colorado.gov/cdphe/hm)

On Wed, Sep 11, 2024 at 1:37 PM Jack Denman <[jdenman@eroresources.com](mailto:jdenman@eroresources.com)> wrote:

Rick, Evelin, and Julia –

On behalf of TDA, please find the attached, revised Supplemental Source Area Characterization Plan (SSACP) per comments from our discussion. This report replaces the one submitted on 8/5/24 in its entirety.

This plan is being submitted in accordance with Consent Order No. 24-02-01-01 and the associated May 2024 Work Plan.

Please let me know if you have any questions.

Thanks,

Jack

[Redacted]

**Jack Denman**  
Senior Geologist, ERO Resources Corporation

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[Redacted] [1626 Cole Blvd, Suite 100, Lakewood, CO 80401](https://www.google.com/maps/place/1626+Cole+Blvd,+Suite+100,+Lakewood,+CO+80401)

[Redacted] [Redacted] [Redacted]



## **Appendix H Waste Inventory Log**

Drum #	Matrix	Source	Start Date (Marked on Drum)	Current Label	Characterization Sample	Characterization Lab Order	Characterization Sample Date	Disposal Date	Manifest #	Contained Out Submittal	Approval		
DM001	Soil	Porbeholes 1,2	4/12/2021	NH	DM1-L	ALS 21070118, L1607151	6/30/2021, 4/18/23	5/16/2023	136050CO-001 to - 003	4/30/21, 7/27/2021, and 4/28/23	2/23/2022, and 5/10/23		
2	Soil	Probeholes 2,3,6	4/12/2021	NH	MD2-L								
3	Soil	Probeholes 6,7	4/12/2021	NH	DM3-L								
4	Soil	Probeholes 8,11	4/12/2021	NH	MD4-L								
5	Soil	Probeholes 11,4,10	4/12/2021	NH	DM5-L								
6	Soil	Probeholes 10,15	4/12/2021	NH	MD6-L								
7	Soil	Probeholes 16,18,19	4/12/2021	NH	DM7-L								
8	Soil	Probeholes 19,37	4/12/2021	NH	DM8-L								
9	Soil	Probeholes 37,41,22	4/12/2021	NH	DM9-L								
10	Soil	Probeholes 22,23	4/12/2021	NH	DM10-L								
11	Soil	Probeholes 23,25,27	4/12/2021	NH	DM11-L								
12	Soil	Probeholes 27,20	4/12/2021	NH	DM12-L								
13	Soil	Probeholes 28,29	4/12/2021	NH	DM13-L								
14	Soil	Probeholes 29,46,9	4/12/2021	NH	DM14-L								
15	Soil	Probeholes 9,12	4/22/2021	NH	DM15-L								
16	Soil	Probeholes 12,34,44	4/12/2021	NH	DM16-L								
17	Soil	Probeholes 44,45	4/12/2021	NH	DM17-L								
18	Soil	Probeholes 45,47,48	4/12/2021	NH	DM18-L								
19	present on 1/3/23												
20	present on 1/3/23												
21	present on 1/3/23												
22	Soil	IP 1,2,26 10'-27'	9/1/2021	NH	um 26, 29, 37, 38, 42, 61, 63, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	22010957-01 thorough -09	1/13/2022			3/9/2022, and 4/28/23	2/6/2022, and 5/10/23		
23	Soil	IP 6/5/4/3/2/1 0-10'	9/1/2021	NH									
24	Soil	IP 26/27/28 10-27'	9/1/2021	NH									
25	Soil	IP 27/28/28/30 0-10'	9/1/2021	NH									
26	Soil	IP 328/29/30 10-27'	9/1/2021	NH									
27	Soil	IP 6/5 10-27'	9/1/2021	NH									
28	Soil	IP 2/3/4 10-27'	9/1/2021	NH									
29	Soil	IP 39/38 10-27'	9/2/2021	NH									
30	Soil	IP 36/37 10-27'	9/2/2021	NH									
31	Soil	IP 15/41/40 10-27'	9/2/2021	NH									
32	Soil	IP 41/15/39/38/37/36 0-10'	9/2/2021	NH									
33	Soil	IP 15/33/34 10-27'	9/2/2021	NH									
34	Soil	IP 18/19 10-27'	9/9/2021	NH									
35	Soil	IP 70/71/72/47 0-10'	9/9/2021	NH									
36	Soil	IP 72/47 10-27'	9/9/2021	NH									
37	Soil	IP 69/45 10-27'	9/9/2021	NH									
38	Soil	IP 70/71/72 10-27'	9/9/2021	NH									
39	Soil	IP 31/32/33/34/15/41 0-10'	9/2/2021	NH									
40	Soil	IP 32/33 10-27'	9/2/2021	NH									
41	Soil	IP 59/60 10-27'	9/3/2021	NH									
42	Soil	IP 77/14/13 10-27'	9/8/2021	NH									
43	Soil	IP 66/65/64/63 10-27'	9/8/2021	NH									
44	Soil	IP 11/12/13 10-27'	9/8/2021	NH									
45	Soil	IP 18/19 0-10'	9/9/2021	NH									
46	Soil	IP 61/69/71/72 0-10'	9/9/2021	NH									
47	Soil	IP 35/54/53/52/57 0-10'	9/2/2021	NH									
48	Soil	IP 35/54 10-27'	9/2/2021	NH									
49	Soil	IP 53/52 10-27'	9/3/2021	NH									
50	Soil	IP 7/8/58/59/60 0-10'	9/3/2021	NH									
51	Soil	IP 9/10 10-27'	9/7/2021	NH									
52	Soil	IP 11/12/63/64/65/66 0-10'	9/8/2021	NH									
53	Soil	IP 13/14/42/66/77 0-10'	9/7/2021	NH									
54	Soil	IP 63/62/61 10-27'	9/8/2021	NH				5/16/2023	136050CO-001 to - 003				
55	Soil	IP 57/58 10-27'	9/3/2021	NH									

Drum #	Matrix	Source	Start Date (Marked on Drum)	Current Label	Characterization Sample	Characterization Lab Order	Characterization Sample Date	Disposal Date	Manifest #	Contained Out Submittal	Approval
56	Soil	IP 42/66 10-27'	9/7/2021	NH							
57	Soil	IP 17/16 10-27'	9/7/2021	NH							
58	Soil	IP 67/44 10-27'	9/7/2021	NH							
59	Soil	IP 7/8 10-27'	9/7/2021	NH							
60	Soil	IP 67/44/17/16 0-10'	9/7/2021	NH							
61	Soil	IP 68/43 10-27'	9/7/2021	NH							
62	Soil	IP 9/10/68/43 0-10'	9/7/2021	NH							
63	Soil	IP 20/46/73 10-27'	9/16/2021	NH							
64	Soil	IP 74/75 10-27'	9/20/2021	NH							
65	Soil	IP 50/51 10-27'	9/20/2021	NH							
66	Soil	IP 21/22/48/49/74/75 0-10'	9/20/2021	NH							
67	Soil	IP 21/48	9/20/2021	NH							
68	Soil	IP 22/49 10-27'	9/20/2021	NH							
69	Soil	IP 55/56 10-27'	9/20/2021	NH							
70	Soil	IP 20/46/55/5673 0-10'	9/16/2021	NH							
71	Soil	IP 23/76 10-27'	9/21/2021	NH							
72	Soil	IP 24/25/50/51/76/23 0-10'	9/21/2021	NH							
73	Soil	IP 24/25 10-27'	9/21/2021	NH							
74	Soil	MW32 15-25'	9/16/2021	NH	Drum 76, 79	22021408-01, -02	2/16/2022			3/9/2022, and 4/28/23	2/6/2022, and 5/10/2
75	Soil	MW32 0-15'	9/16/2021	NH							
76	Soil	MW35 0-20'	9/16/2021	NH							
77	Soil	MW33 18-25'	9/16/2021	NH							
78	Soil	MW34 0-20'	9/16/2021	NH							
79	Soil	MW-34,35 20-25'	9/16/2021	NH							
80	Soil	MW33 0-18'	9/16/2021	NH							
81	Soil	MW32R	9/16/2021	NH							
82	Soil	MW32R	9/16/2021	NH							
83	Soil	MW-A	7/8/2021	NH	MW-A 12.5; MW-A 25	L1377626	7/8/2021	4/8/2024	13566435	11/17/2021	12/1/2021
84	Soil	MW-A	7/8/2021	NH	MW-A 12.5; MW-A 25	L1377626	7/8/2021				
85	Soil	MA-A & MW-D	7/8/2021	NH	MW-A 12.5; MW-A 25, MW-D 13,	L1377626	7/8/2021				
86	Soil	MW-D	7/8/2021	NH	MW-D 13, MW-D 25	L1377626	7/8/2021				
87	Soil	MW-C, VAPOR SOILS	7/8/2021	NH	MW-C, MW-C 12,-14, -16 ,-18, -20	L1379534, L1377626	7/9/2021				
88	AQ	DCN MW-A TO MW-D	7/8/2021	NH	DM-1-IDW	L1379415	7/15/2021				
89	Soil	MW-C & MW-D	7/8/2021	NH	MW-C, MW-C 12,-14, -16 ,-18, -20	L1379534, L1377626	7/9/2021				
90	Soil	MW-B	7/9/2021	NH	MW-B, MW-B 10, -12,-14, -16 ,-18	L1379534, L1377626	7/9/2021				
91	Soil	MW-C & MW-B	7/9/2021	NH	MW-C, MW-C 12,-14, -16 ,-18, -20	L1379534, L1377626	7/9/2021				
92	Soil	MW-C	7/9/2021	NH	MW-C, MW-C 12,-14, -16 ,-18, -20	L1379534, L1377626	7/9/2021	5/16/2023	136050CO-001 to -003	11/17/2021, and 4/28/23	12/1/2021, and 5/10/23
93	Soil	MW-B	7/9/2021	NH	MW-B, MW-B 10, -12,-14, -16 ,-18	L1379534, L1377626	7/9/2021				
94	Soil	VP-E-F-A	7/9/2021	NH	MW-B, MW-C	L1379534	7/9/2021				
95	AQ	DCN MW-B TO -D	7/9/2021	NH	DM-2-IDW	L1379415	7/15/2021				
96	AQ	WELL PURGE MW- A-D	7/15/2021	NH	Well samples	L1382630	7/15/2021				
97	AQ	WELL PURGE MW- A-D	7/15/2021	NH	Well samples	L1382631	7/23/2021	4/8/2024	13566435	11/17/2021	12/1/2021
98	Soil	MW-E	8/26/2021	NH	TMW-E 18, TMW-E 25	L1396701	8/26/2021	5/16/2023	136050CO-001 to -003	11/17/2021, and 4/28/23	12/1/2021, and 5/10/23
99	Soil	MW-E	8/26/2021	NH	TMW-E 18, TMW-E 25	L1396701	8/26/2021				
100	Soil	MW-E & MW-F	8/26/2021	NH	TMW-E 18, TMW-E 25, TMW-F 19	L1396701	8/26/2021				
101	Soil	MW-F	8/26/2021	NH	TMW-F 19, TMW-F 24	L1396701	8/26/2021				
102	Soil	MW-F	8/26/2021	NH	TMW-F 19, TMW-F 24	L1396701	8/26/2021				
103	Soil	MW-G	8/26/2021	NH	TMW-G 18.5, TMW-G 25	L1396701	8/26/2021				
104	Soil	MW-G	8/26/2021	NH	TMW-G 18.5, TMW-G 25	L1396701	8/26/2021				
105	Soil	MW-G	8/26/2021	NH	TMW-G 18.5, TMW-G 25	L1396701	8/26/2021				
106	AQ	DCN WATER MW-E -G	8/26/2021	NH	Sample results	L1397760	8/31/2021	4/8/2024	13566435	11/17/2021	12/1/2021
107	AQ	PURGE WATER MW-E-G	8/31/2021	NH	Sample results	L1397760	8/31/2021	4/8/2024	13566435	11/17/2021	12/1/2021
108	AQ	PW Site-wide	1/23/2023	NH	DM012323	L1597926	3/23/2023	4/8/2024	13566435	7/13/2023	7/19/2023
109	AQ	PW Site-wide	1/23/2023	NH	DM012423	L1597926	3/23/2023	4/8/2024	13566435	7/13/2023	7/19/2023
110	AQ	PW Site-wide	1/24/2023	NH	DM012723	L1597926	3/23/2023	4/8/2024	13566435	7/13/2023	7/19/2023
111	Soil	99 Drums	4/17/2023	NH	ROLL OFF 1	L1607151	4/18/2023	5/16/2023	136050CO-001 to -003	4/28/2023	5/10/2023
112	Soil	99 Drums	4/18/2023	NH	ROLL OFF 2	L1607151	4/18/2023				
113	Soil	99 Drums	4/18/2023	NH	ROLL OFF 3	L1607151	4/18/2023				
114	Debris	99 Drums Crushed	4/18/2023	NH	N/A	N/A	N/A				
115	AQ	PW Site-wide 2Q21	4/24/2023	NH	DM042423	Y307190, Y310476	7/11/2023	4/8/2024	13566435	10/18/2023	10/26/2023
116	AQ	PW Site-wide 2Q22	4/25/2023	NH	DM042523	Y307190, Y310476	7/22/2023	4/8/2024	13566435	10/18/2023	10/26/2023
117	AQ	PW Site-wide 3Q23	7/12/2023	NH	DM071223	Y307666, Y310474, Y310476	7/28/2023	4/8/2024	13566435	11/13/2023	11/20/2023
118	AQ	PW Site-wide 3Q23	7/13/2023	NH	DM071323	Y307666, Y310474, Y310476	7/28/2023	4/8/2024	13566435	11/13/2023	11/20/2023
119	AQ	PW Site-wide 4Q23	10/16/2023	NH	DM101623	Y311127, Y311411	11/3/2023	4/8/2024	13566435	12/4/2023	12/13/2023

Drum #	Matrix	Source	Start Date (Marked on Drum)	Current Label	Characterization Sample	Characterization Lab Order	Characterization Sample Date	Disposal Date	Manifest #	Contained Out Submittal	Approval
120	AQ	PW Site-wide 4Q23	10/17/2023	NH	DM101723	Y311127, Y311411	11/3/2023	4/8/2024	13566435	12/4/2023	12/13/2023
121	AQ	PW Site-wide 4Q23	10/18/2023	NH	DM101823	Y311127, Y311411	11/3/2023	4/8/2024	13566435	12/4/2023	12/13/2023
122	AQ	PW Site-wide 1Q24	1/23/2024	NH	DM012324	Y402018	1/30/2024	1/14/2025	TSC011425-001	7/5/2024	7/15/2024
123	AQ	PW Site-wide 1Q24	1/24/2024	NH	DM012424	Y402018	1/30/2024	1/14/2025	TSC011425-001	7/5/2024	7/15/2024
124	AQ	PW Site-wide 2Q24	4/23/2024	NH	DM042324A	Y405427	5/14/2024	1/14/2025	TSC011425-001	7/5/2024	7/15/2024
125	AQ	PW Site-wide 2Q24	4/23/2024	NH	DM042324B	Y405427	5/14/2024	1/14/2025	TSC011425-001	7/5/2024	7/15/2024
126	AQ	PW Site-wide 3Q24	7/24/2024	NH	DM072424AT	Y407797	7/30/2024	1/14/2025	TSC011425-001	8/22/2024	9/17/2024
127	AQ	PW Site-wide 3Q24	7/24/2024	NH	DM072424BT	Y407797	7/30/2024	1/14/2025	TSC011425-001	8/22/2024	9/17/2024
128	AQ	PW Site-wide 3Q24	7/25/2024	NH	DM072524 / DM128-072524T2	L1795153 / E5A0504	11/1/2024-1/24/25			1/28/2025	2/4/2025
129	AQ	PW Site-wide 4Q24	10/16/2024	NH	DM101624 / DM129-101824T2	L1795153/ E5A0504	11/1/2024 - 1/24/25			1/28/2025	2/4/2025
130	AQ	PW Site-wide 4Q24	10/18/2024	HAZ							
131	Soil	SAC Perimeter Borings	10/28/2024	NH	DM131-102824	L1800685	11/15/2024			12/30/2024	1/10/2025
132	Soil	SAC Perimeter Borings	10/29/2024	NH	DM132-102924	L1800685	11/15/2024			12/30/2024	1/10/2025
133	Soil	SAC Interior Borings	10/31/2024	NH	DM133-103124	L1800685	11/15/2024			12/30/2024	1/10/2025
134	Soil	8946 soil borings	11/7/2024	NH	DM134-110724	L1800685	11/15/2024			12/30/2024	1/10/2025
135	Soil	MW-A/MW-B	12/2/2024	NH	DM135-120224	L1812017	12/18/2024			1/7/2025	1/10/2025
136	Soil	MW-C	12/12/2024	NH	DM136-121224	L1812017	12/18/2024			1/7/2025	1/10/2025
137	Soil	MW-C	12/12/2024	NH	DM137-121224	L1812017	12/18/2024			1/7/2025	1/10/2025
138	Soil	MW-C/MW-D	12/12/2024	NH	DM138-121224	L1812017	12/18/2024			1/7/2025	1/10/2025
139	Soil	MW-D	12/12/2024	NH	DM139-121224	L1812017	12/18/2024			1/7/2025	1/10/2025
140	Soil	MW-D	12/12/2024	NH	DM140-121224	L1812017	12/18/2024			1/7/2025	1/10/2025
141	Soil	MW-E	12/13/2024	NH	DM141-121324	L1812017	12/18/2024			1/7/2025	1/10/2025
142	Soil	MW-E	12/13/2024	NH	DM142-121324	L1812017	12/18/2024			1/7/2025	1/10/2025
143	Soil	MW-E	12/13/2024	NH	DM143-121324	L1812017	12/18/2024			1/7/2025	1/10/2025
144	Water	Water Line Pothole	12/20/2024	NH	Generator knowledge	Near former transformers					
145	Water	Water Line Pothole	12/20/2024	NH	Generator knowledge	Near former transformers					
146	Water	Water Line Pothole	12/20/2024	NH	Generator knowledge	Near former transformers					
147	Water	Water Line Pothole	12/20/2024	NH	Generator knowledge	Near former transformers					
148	Water	Water Line Pothole	12/20/2024	NH	Generator knowledge	Near former transformers					
149	Soil	Cluster A - Deep	1/6/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
150	Soil	Cluster A - Deep	1/6/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
151	Soil	Cluster A - Deep	1/6/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
152	Soil	Cluster A - Deep	1/6/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
153	Soil	Cluster A - Deep	1/7/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
154	Soil	Cluster A - Deep	1/8/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
155	Soil	Cluster A - Deep	1/9/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
156	Soil	Cluster A - Deep	1/9/2025	NH	Investigation Samples	L1815876	1/6/2025			1/27/2025	2/4/2025
157	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
158	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
159	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
160	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
161	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
162	Soil	Cluster C - Deep	1/10/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
163	Soil	Cluster C - Mid	1/11/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
164	Soil	Cluster C - Mid	1/12/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
165	Soil	Cluster C - Mid	1/11/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
166	Soil	Cluster C - Mid - Surface Debris	1/11/2025	NH	Investigation Samples	L1816980-11 to -23	1/10/2025			1/27/2025	2/4/2025
167	Soil	Cluster B - Deep	1/13/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
168	Soil	Cluster B - Deep	1/13/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
169	Soil	Cluster B - Deep	1/13/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
170	Soil	Cluster B - Mid	1/13/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
171	Soil	Cluster B - Mid	1/14/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
172	Soil	Cluster B - Mid	1/14/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
173	Soil	Cluster B - Mid	1/14/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
174	Soil	Cluster B - Deep	1/14/2025	NH	Investigation Samples	L1816980-01 to -10, -24-25	1/13/2025			1/27/2025	2/4/2025
175	Soil	C-8D	1/15/2025	HAZ							
176	Soil	C-8D and A+0D	1/15/2025	HAZ							
177	Soil	A+0D	1/16/2025	HAZ							
178	Soil	D-2D	1/16/2025	HAZ							
179	Soil	D-2D	1/16/2025	HAZ							
180	Soil	D-2D	1/16/2025	HAZ							
181	Soil	Cluster A - Surface Debris	1/16/2025	NH	Generator knowledge	Surface debris				1/27/2025	2/4/2025
182	Aq	Development Water	1/15/2025	HAZ							
183	Soil	MW-39 Soil	1/24/2025	HAZ							
184	AQ	1Q25	1/24/2025	HAZ							
185	AQ	1Q25	1/27/2025	HAZ							
186	AQ	1Q25	1/29/2025	HAZ							
187	Soil	Pothole Soil	2/5/2025	NH	Generator knowledge	Near former transformers					
188	Soil	Pothole Soil	2/5/2025	NH	Generator knowledge	Near former transformers					
189	Soil	MW-37	2/7/2025	HAZ							
190	Soil	MW-37	2/7/2025	HAZ							