January 2, 2024

Ms. Emily Barry
NYSDEC Region 3
21 S. Putt Corners Road
New Paltz, New York 12561

RE: Preliminary Property Characterization & Recommendation
for Supplemental Investigation
115 Broadway
Hamlet of Port Ewen, Town of Espous, Ulster County
NYSDEC Site # 3-56063

Dear Ms. Barry,

LaBella Associates, DPC has prepared this correspondence on behalf of Community Manufacturing Solutions, LLC in order to provide you with preliminary site data collected in accordance with the May, 2023 REVISED Property Characterization Work Plan (RPCWP) for the above referenced site (**Figure 1**). The information provided herein includes information relating to:

- Soil boring and sampling at selected locations;
- Monitoring well installation;
- Groundwater flow;
- Groundwater sampling, and:
- Soil Vapor sampling.

The scope of work associated with each task was outlined in the aforementioned RPCWP. This letter report seeks to provide you with updated information with regard to the findings to date for the property characterization. It also seeks your consideration and feedback regarding our recommendation for additional investigations to address data gaps with respect to site stratigraphy as well as the distribution of site-related compounds of concern in soil, groundwater and/or soil vapor.

## Soil Boring and Sampling

The scope of work proposed advancement of soil borings at a total of 14 locations on the property based on property features, spatial distribution and/or previously documented impacts. Six (6) locations were proposed to be converted into 2.0-inch inside diameter (ID) monitoring wells and five (5) locations were proposed to be converted into soil vapor sampling points. The soil boring and sampling program commenced in August, 2023 after a geophysical investigation was completed on the Property in July, 2023 by Glean Globe Environmental, LLC of New City, New York.

Geophysical Investigation

The geophysical investigation sought to identify anomalous areas via the use of conductive and non-conductive anomalies via ground penetrating radar (GPR) and a metal detector and focused on the southern portion of the property. This included the southern half of the site building as well as the accessible paved and unpaved areas in the southern portion of the property to the eastern, western and southern property boundaries.

The findings of the geophysical investigation (**Attachment A**) identified two notable areas. The first was a non-conductive anomaly in the lawn area west of the site building. The presence of this anomalous area resulted in the placement of well MW-1 closer to the west side of the site building than indicated in the RPCWP. A second anomalous area was noted in the southeastern quadrant of the property and appeared as a series of six (6) parallel and elongated features that suggested the presence of a leach field. As such, the location of well MW-4 was adjusted so that it could be placed adjacent to (and hydraulically downgradient of) this suspected leach field area. The locations of the 14 soil borings advanced at the site in August, 2023 are included on **Figure 2**.

Soil Borings

The soil borings were advanced during the investigation in accordance with the RPCWP. The soil borings were advanced into and terminated within a stiff clay unit that was present at all soil boring locations beneath the site. Evaluation of the soil encountered during the soil boring advancement did not suggest any visual or olfactory evidence of impact and headspace screening of soil for total volatile organic compound (VOC) concentrations with a photoionization detector (PID) did not suggest elevated total VOC concentrations. However, at SB-11/MW-6, located off the west side of the garage building, elevated total VOC concentrations up to 37.4 parts per million (PPM) were noted in the interval between 5.0-feet and 7.5-feet below grade. There was no visual or olfactory evidence of impact in this depth interval. Headspace screening results are provided on the soil boring logs included in **Attachment B**.

Soil Analytical Results

Soil samples were collected from each borehole in accordance with the RPCWP. In general, multiple soil samples were collected from each borehole installed in the southern portion of the property. Specifically, those borings installed in proximity to the garage and in the area anticipated to be hydraulically downgradient of garage. Single soil samples were collected from soil borings advanced outside of that portion of the site. All soil samples were analyzed for VOCs, semi-VOCs and RCRA 8 metals. Additionally, one soil boring location was to be sampled for all analytes, including VOCs, semi-VOCs, metals, PCBs, pesticides and herbicides. NYSDEC was given the opportunity to select which soil boring location would be sampled for the comprehensive analysis. Likewise, NYSDEC was also given the opportunity to select which soil boring location would be sampled for polyfluorinated alkyl substances (PFAS). NYSDEC selected SB-8 for both the PFAS and comprehensive analysis. A total of 31 soil

samples (plus additional laboratory blanks) were analyzed as part of the soil sampling effort at the site.

The soil analytical results, which are summarized on the attached Summary of Compounds Identified in Soil Samples (**Attachment C**), indicate that all soil samples collected during the August, 2023 soil boring program were within the NYSDEC's soil cleanup objectives (SCOs), as defined in 6BYCRR Part 375-6.8(a) for unrestricted use with respect to metals and 27 of the 31 samples analyzed were within the SCO for unrestricted use with respect to VOCs. Four (4) soil samples (SB-8 (2); SB-11 (1); SB-11 (2) & SB-13 (4)) indicated concentrations of tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and/or vinyl chloride (VC) in excess of the SCO for unrestricted use but, below the SCO for restricted residential use (6NYCRR Part 375-6.8(b). It should also be noted that the comprehensive analysis of the samples collected from SB-8 (which were also analyzed for PCBs, pesticides, herbicides and PFAS) did not identify any of those additional analytes. The soil analytical results are also summarized on **Figure 3**.

Monitoring Well Installation and Site Stratigraphy

The soil boring program revealed a subsurface that included a surficial layer that was composed of a mixture of fine sand to silt with a varying amount of clay depending on location within the site. This surficial layer, which appears to be of low to moderate permeability, is present to a depth range of approximately 6.6 feet below grade at SB-13 (MW-4) to 22.5 feet below grade at MW-22. Each of the monitoring wells installed during the soil boring program were screened at the base of the saturated zone. Depth to groundwater within this surficial layer is typically less than 5.0 feet below grade but, appears to deepen toward the east (MW-3) and north (MW-2) where depth to groundwater increases to approximately 8.0 feet below grade and 12 feet below grade, respectively. This upper saturated zone appears to be perched on top of an underlying stiff clay unit that was confirmed in all of the soil borings advanced at the site. The average depth to this stiff clay unit is approximately 14 feet below grade. Monitoring well specifications are presented below in Table 1.

**Table 1**
Monitoring Well Specifications

| Well | Boring ID | Total Depth | Screen | Sand Pack | Bentonite Seal |
|---|---|---|---|---|---|
| MW-1 | SB-1 | 13 | 5.0 - 13 | 3..0 - 13 | 1.0 – 3.0 |
| MW-2 | SB-3 | 23 | 5.0 - 23 | 3.0 - 23 | 1.0 – 3.0 |
| MW-3 | SB-5 | 15 | 5.0 - 15 | 3..0 - 15 | 1.0 – 3.0 |
| MW-4 | SB-13 | 10 | 5.0 - 10 | 3.0 - 10 | 1.0 – 3.0 |
| MW-5 | SB-7 | 10 | 5.0 - 10 | 3.0 - 10 | 1.0 – 3.0 |
| MW-6 | SB-11 | 15 | 4.0 - 15 | 3.0 - 15 | 1.0 – 3.0 |
| All depths given in feet below grade | | | | | |

The information gathered during the drilling program was compiled into the conceptual cross sections presented as **Figure 4A** (east-west cross section) and **Figure 4B** (north-south cross section).

Groundwater Sampling and Flow Direction

Groundwater sampling was conducted in accordance with the RPCWP on October 30, 2023. Prior to commencing with low flow sampling, each well was opened and a complete round of depth to water (DTW) measurements were collected. The DTW measurements were used in conjunction with the top of well casing elevations (which were based on a site datum assigned an elevation of 100.00 feet) in order to prepare the groundwater contour map included as **Figure 5**. As indicated thereon, the direction of groundwater movement is toward the east and northeast depending on location at the site. Depth to groundwater/groundwater elevations are included below in **Table 2**.

**Table 2**
Groundwater Elevations
October 30, 2023

| Well | TOC Elevation | Depth to Water | Groundwater Elevation |
|---|---|---|---|
| MW-1 | 102.76 | 3.50 | 99.26 |
| MW-2 | 103.08 | 12.32 | 90.76 |
| MW-3 | 101.38 | 8.31 | 93.07 |
| MW-4 | 98.00 | 2.98 | 95.02 |
| MW-5 | 100.82 | 4.86 | 95.96 |
| MW-6 | 101.54 | 3.94 | 97.60 |
| All depths/elevations relative to Top of Casing (TOC) | | | |

Groundwater Analytical Results

Groundwater samples were collected from each monitoring well in accordance with the RPCWP. Each of the groundwater samples were analyzed for VOCs, semi-VOCs and RCRA 8 metals. Additionally, One (1) monitoring well (MW-5) was also analyzed for the additional analytes including PCBs, pesticides, herbicides and PFAS. NYSDEC was given the opportunity to select which monitoring well would be sampled for the comprehensive analysis.

The groundwater analytical results, which are summarized on the attached Summary of Compounds Identified in Groundwater Samples (included in **Attachment C**), establish that none of the groundwater samples identified metals concentrations in excess of the NYSDEC standards for Class GA groundwater, as defined by the Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1 of October, 1993 (as amended). Four (4) of the monitoring wells (MW-2, MW-3, MW-5 and MW-6) indicated concentrations of PCE, TCE, DCE and/or vinyl chloride (VC) in excess of their respective standard for class GA groundwater. Semi-VOC analysis also identified polycyclic aromatic hydrocarbons (a suite of compounds that are formed as a by-product of the combustion of organic material) in all groundwater samples in excess of the NYSDEC standard for these compounds in groundwater. LaBella does not

believe these compounds to be site related. It should also be noted that the comprehensive analysis of the groundwater sample collected from well MW-5 (which was also analyzed for PCBs, pesticides and herbicides) did not identify any of those additional analytes. PFAS analysis of the groundwater sample from well MW-5 identified perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA), at concentrations of 2.73 nanograms per Liter (ng/L) and 0.851 ng/L, respectively. Both of these concentrations are well below the 10 ng/L maximum contaminant level (MCL) adopted by NYSDEC for drinking water. The groundwater analytical results are also summarized on **Figure 6**.

Soil Vapor Sampling

Five (5) soil vapor sampling points were installed at the locations indicated on Figure 2; construction specifications are summarized below in Table 3.

**Table 3**
Soil Vapor Sampling Point Specifications

| Well | Boring ID | Total Depth | Screen Centerpoint | Glass Beads | Bentonite Seal |
|---|---|---|---|---|---|
| SV-1 | SB-2 | 7.0 | 4.75 | 3.0 – 7.0 | 1.0 – 3.0 |
| SV-2 | SB-4 | 7.0 | 4.75 | 3.0 – 7.0 | 1.0 – 3.0 |
| SV-3 | SB-6 | 6.0 | 3.75 | 2.0 – 6.0 | 1.0 – 2.0 |
| SV-4 | SB-14 | 6.0 | 3.75 | 2.0 – 6.0 | 1.0 – 2.0 |
| SV-5 | SB-9 | 6.0 | 3.75 | 2.0 – 6.0 | 1.0 – 2.0 |
| All depths given in feet below grade | | | | | |

Two attempts to collect complete sets of soil vapor samples were made on October 30, 2023 and, also, the following week. On October 30, a significant rainfall event occurred which resulted in an abundance of precipitation to infiltrate the sub-surface. Consequently, three (3) of the five (5) soil vapor sampling points did not yield soil vapor during the preliminary purging of the vapor sampling point. During that sampling event, only SV-2 and SV-4 (were able to be successfully sampled. The outdoor air sample was also collected at that time. A follow-up visit was made to the site in an attempt to purge the unsampled locations (SV-1, SV-3 and SV-5) at that time. However, these soil vapor sampling points continued to be inundated with infiltrating precipitation/shallow groundwater. As such, the complete array of soil vapor sampling points has not been able to be sampled as of the date of this correspondence.

The two (2) soil vapor samples that were sampled (SV-2 and SV-4) on October 30 (along with the outdoor air sample) were obtained in accordance with the RPCWP via 6.0-liter SUMMA canisters that collected the samples over a 24-hour duration. The analytical results are summarized in the attached Summary of Compounds Identified in Soil Vapor Samples. The soil vapor analytical results are also summarized on **Figure 7.**

## Recommendations for Supplemental Site Characterization

Our current understanding of the site suggests a conceptual model depicted in the cross sections presented herein as Figure 4A and Figure 4B. That is, a shallow water bearing zone

of limited depth is perched over a stiff clay layer that appears to be continuous across the site. The depth of this apparently perched zone is approximately 14 feet below grade but ranges in depth from 6.5 feet below grade (MW-4) to 22.5 feet below grade (MW-2). At this time, the presence of a "regional" water bearing zone beneath this presumably perched upper zone has not been confirmed. Additionally, the direction of flow within the presumably perched upper zone appears to be toward the east and northeast depending on location at the site.

Groundwater analytical results (Figure 6) indicate concentrations of PCE, and related degradation by-products, in proximity to the garage (south of the property building), in excess of Class GA groundwater standards via wells MW-6 and MW-5. Additionally, well MW-2 also indicates concentrations of PCE and degradation by-products in excess of Class GA groundwater standards.

Based on the findings presented herein and our preliminary conceptual understanding of the subsurface beneath the property, we are proposing supplemental investigations to address data gaps and, to clarify our conceptual model of the site. This will include a surveyed base map by a professional land surveyor; a supplemental geophysical investigation as well as supplemental soil borings and sampling, monitoring well installation and sampling and, completing a supplemental round of soil vapor sampling. Each supplemental investigatory task will be conducted in accordance with the May, 2023 RPCWP for the property. This includes soil and groundwater sampling protocols, data deliverables and community air monitoring.

Supplemental Geophysical Investigation

Supplemental Geophysical Investigation is proposed to complete portions of the property that were not included in the original geophysical investigation, which encompassed the southern portion of the property. This will include the lawn areas to the west and north of the property building as well as the paved/parking area east of the property building. Expanding the geophysical investigation into these areas of the site will help to identify metallic or non-metallic anomalies that may be a possible source of site-related compounds identified in site soil and/or groundwater.

Supplemental Soil Boring and Monitoring Well Installation

The goal of the supplemental soil boring and monitoring wells proposed herein is to better define the nature of the subsurface with respect to the suspected perched shallow water bearing zone and, to evaluate whether an underlying "regional" water bearing zone is present beneath the presumably perched water bearing zone. In order to accomplish this, four (4) "shallow" soil borings are proposed at selected locations on the property and four (4) "deep" borings are proposed at existing shallow monitoring well locations. Figure 8 presents the locations for eight (8) supplemental soil borings/monitoring wells proposed herein. Table 4 presents the rationale for each proposed soil boring/monitoring well location.

**Table 4**
Soil Borings/Monitoring Wells Recommended for Supplemental Property Characterization

**Shallow (perched) Borings/Monitoring Wells**

| Location | Rationale |
|---|---|
| MW-7 | Verify soil and groundwater quality hydraulically upgradient of well MW-6 |
| MW-8 | Verify soil and groundwater quality in the area south of the garage and suspected leach field area |
| MW-9 | Verify soil and groundwater quality in the area hydraulically upgradient of well MW-2 |
| MW-10 | Verify soil and groundwater quality in the area north of well MW-2 |

**Deep Borings/Monitoring Wells**

| Location | Rationale |
|---|---|
| MW-1D | Verify site stratigraphy and presence of "regional" water bearing zone in the anticipated hydraulically upgradient portion of the property. |
| MW-2D | Verify site stratigraphy and presence of "regional" water bearing zone adjacent to eastern property boundary. |
| MW-3D | Verify site stratigraphy and presence of "regional" water bearing zone adjacent to eastern property boundary. |
| MW-4D | Verify site stratigraphy and presence of "regional" water bearing zone adjacent to eastern property boundary. |

The borings proposed for completion in the shallow (perched) zone will be advanced to a depth sufficient to confirm the presence of the stiff clay that underlies the perched zone. The borings proposed for completion in the regional water bearing zone (if present) will be advanced to a maximum terminal depth of 75 feet below grade (or drill tooling refusal, whichever comes first). In the event that a regional water bearing zone is encountered, the borehole depth may also be limited by a second underlying clay layer (if present) that may define the vertical limit of the regional water bearing zone at that soil boring location.

Monitoring wells will be constructed so that the well screens intersect the bottom of the saturated zone in which they are completed. Screened intervals will be established to encompass the vertical extent of the saturated zone as practical. Monitoring wells will be advanced via 4.25-inch inside diameter (ID) hollow stem augers and be constructed of 2.0-inch ID schedule 40 PVC screen and casing.

Supplemental Soil and Groundwater Sampling/Analysis

Three (3) soil samples are proposed from each borehole in accordance with the May, 2023 RPCWP. In general, the sampling approach at each shallow/perched soil boring location will be to collect one sample from above the water table (as noted during borehole advancement) and one sample from below the water table. Sampling will be biased toward the depth interval that suggests possible impact via visual and/or olfactory evidence or, via elevated headspace concentrations of volatile organic compounds (VOCs) by screening with a photoionization detector (PID). A third sample will be collected from the terminal depth of the borehole.

The sampling approach for each "deep" borehole will be based on the intervals sampled in its perched zone counterpart. In borings MW-1D, MW-2D and MW-3D, one soil sample will be obtained from above the water table (as noted during borehole advancement) and one sample

from below the water table. Sampling will be biased toward the depth interval that suggests possible impact via visual and/or olfactory evidence or, via elevated headspace concentrations of VOCs by screening with a PID. The third soil sample will be obtained from the terminal depth of the borehole. In boring MW-4D, a soil sample will be collected from the 20-foot to 22-foot depth interval and, a second sample will be obtained from the terminal depth of the borehole.

Once the monitoring wells are installed and developed, groundwater samples will be obtained from the entire monitoring well network via low flow sampling methods.

Soil and groundwater samples will be submitted to Phoenix Environmental Laboratories, Inc. of Manchester, Connecticut (Phoenix) is the analytical laboratory that analyzed all of the sampled media for the preliminary property characterization. Phoenix is certified by the National Environmental Laboratory Accreditation Conference (NELAC) and holds certification in all northeastern states including New York. Analytical methodologies proposed for soil and groundwater are SW-846-8260 for VOCs, SW-846-8270 for semi-VOCs and, SW-846-6010D/SW-846-7471B for the eight (8) Resource Conservation and Recovery Act metals (RCRA 8 metals). These include arsenic (As), barium (Ba), cadmium (Cd), chromium (Cr), lead (Pb), mercury (Hg), selenium (Se) and silver (Ag).

Additional samples, for quality assurance/quality control (QA/QC) purposes, will include aqueous trip blanks for soil and groundwater and collection of blind duplicate samples at a frequency of one (1) per 20 for each media. As such, a total of three (3) blind duplicate samples are anticipated (two (2) for soil and one (1) for groundwater). Additionally, one (1) matrix spike/matrix spike duplicate (MS/MSD) sample will be collected for each matrix (one (1) MS/MSD sample for soil and one (1) MS/MSD sample for groundwater). Analysis of QA/QC samples will be for VOCs (via analytical method SW-846-8260) only.

“Category B” deliverables will be requested from the analytical laboratory. However, a data usability summary report (DUSR) will not be prepared as part of the Property Characterization. The associated analytical data will be uploaded into the NYSDECs EQUIS database.

<u>Supplemental Soil Vapor Sampling</u>

As previously reported herein, three (3) of the five (5) soil vapor sampling soil vapor monitoring points were not able to be sampled during the October 30, 2023 (and attempted follow-up) sampling event. As such, we are proposing that a supplemental soil vapor sampling event be conducted that will include all five (5) monitoring points (with the addition of an outdoor air sample). The soil vapor samples will be collected over a maximum 24-hour duration using 6.0-liter SUMMA cannisters provided by the analytical laboratory. Analysis will be for the full list of VOCs via analytical method TO-15; additional QA/QC samples (such as blanks and duplicates) will not be collected for the soil vapor sampling.

We appreciate your consideration of the information presented herein and look forward to your input with regard to the supplemental investigations proposed herein.

If you have any questions or comments, please contact either of us at (518) 885-5383.

LABELLA ASSOCIATES, DPC

Randolph H. Hoose, P.G
Sr. Hydrogeologist

Michael B. Carr, PG, CPG
Managing Geologist

Attachments: Figures
A Geophysical Investigation Results
B Soil Boring and Well Construction Logs
C Summary Tables

cc. Kiera Thompson (NYSDEC)
Brian Button (Community Manufacturing)

# FIGURES


USGS Topographic Quadrangle Map – Kingston East, New York

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**SITE: 115 Broadway**
**Hamlet of Port Ewen**
Town of Esopus
Ulster County, New York

**FIGURE 1**

Property Location Map

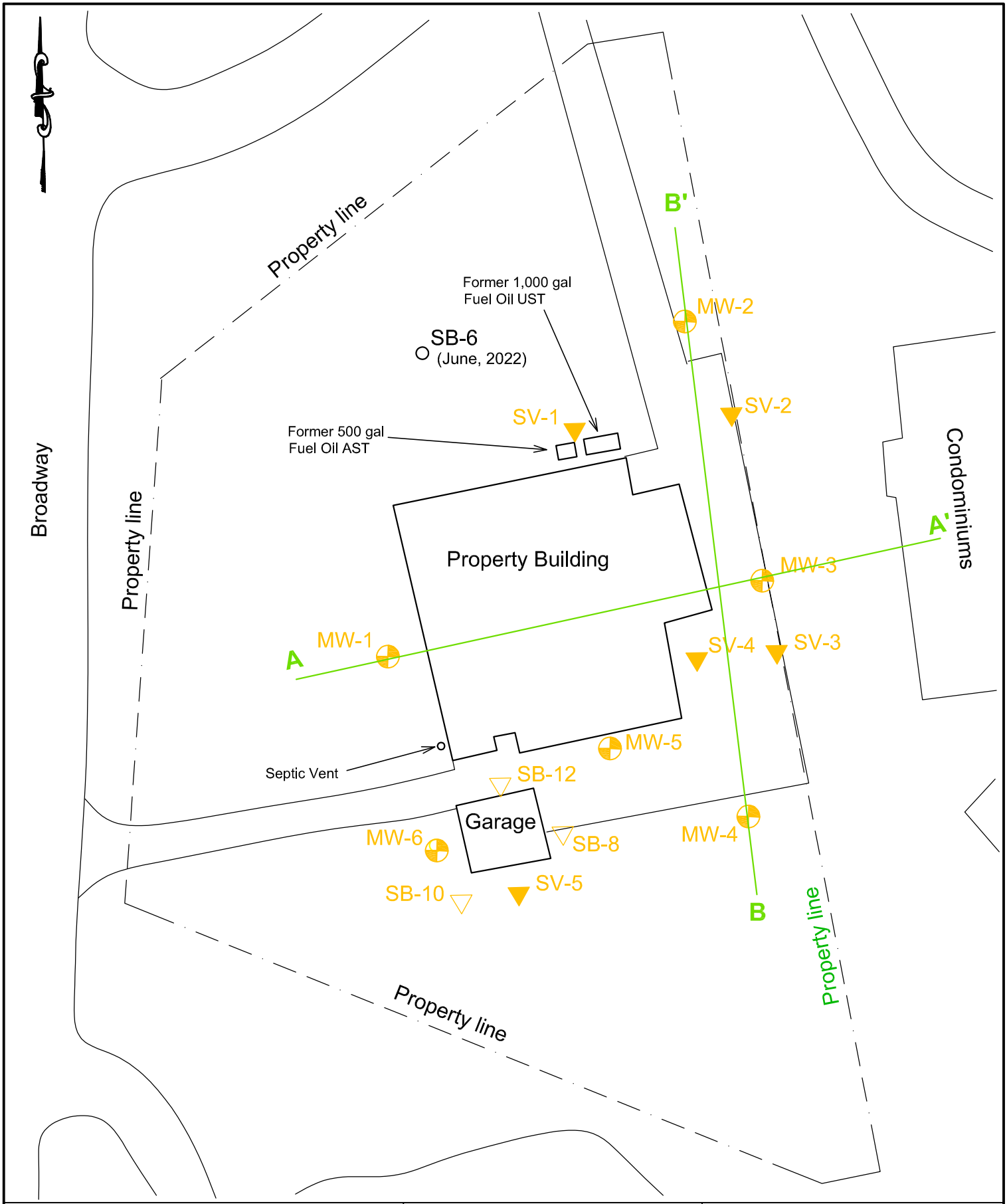


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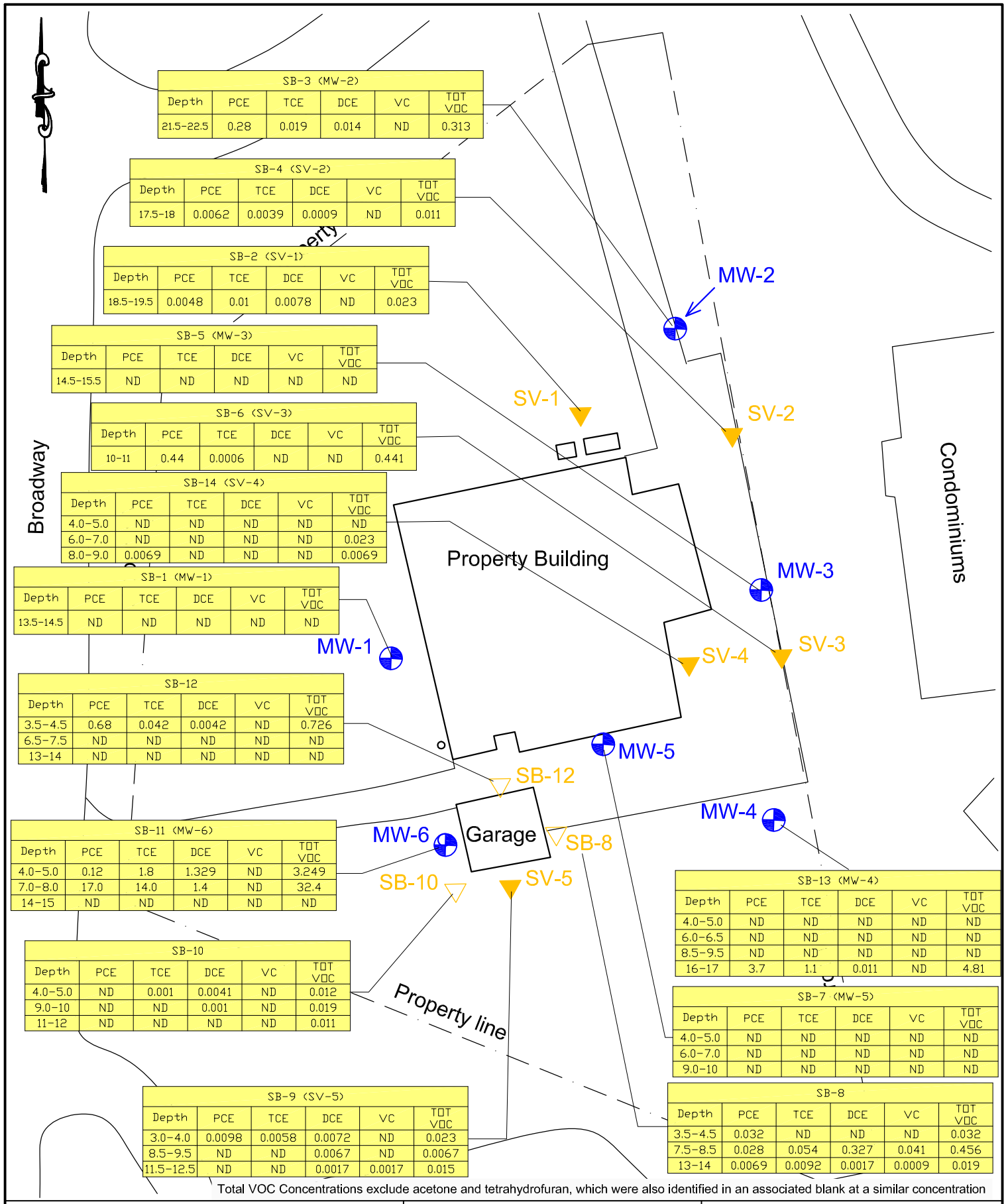
Figure 2

Date: 9-12-2023

0 (approx scale) 70
feet

## Site Map with Conceptual Cross-Section Locations

- Soil Boring Only
- Soil Boring/Monitoring Well
- Soil Boring/Soil Vapor Sampling Point




Total VOC Concentrations exclude acetone and tetrahydrofuran, which were also identified in an associated blank at a similar concentration

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Figure 3

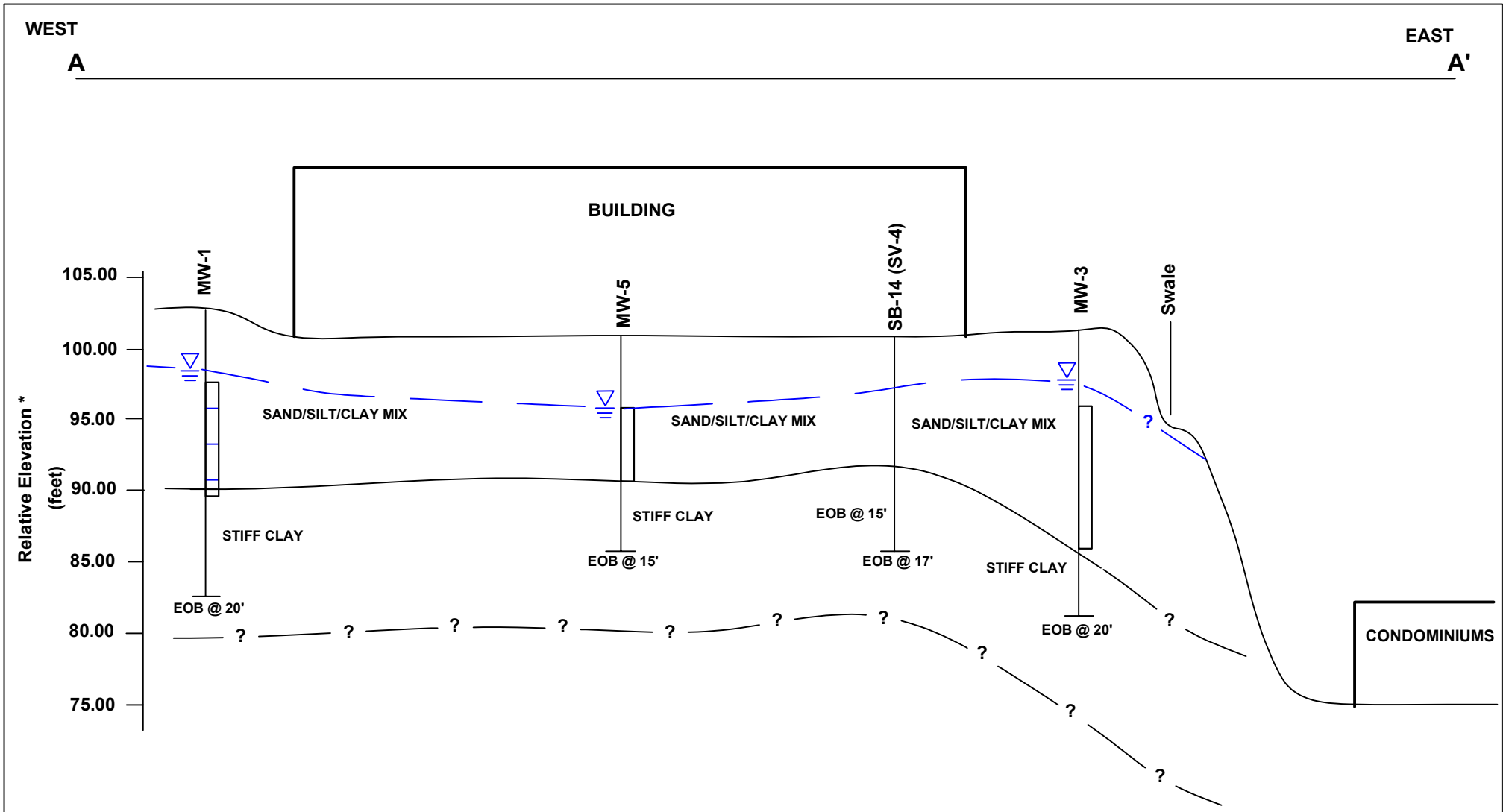
Date: 10-24-2023

0 (approx scale) 70
feet

# Preliminary Soil Analytical Results August, 2023

Concentrations in mg/kg

Soil Boring
Monitoring Well
Soil Vapor Sampling Location




* Elevations relative to site datum assigned an elevation of 100.00 feet

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**FIGURE 4A**

DATE: 12-13-2023

0 (approx scale) 35
feet

## East-West Conceptual Cross-Section

Water Table (10-30-2023)

= Screened Interval

Vertical scale as shown

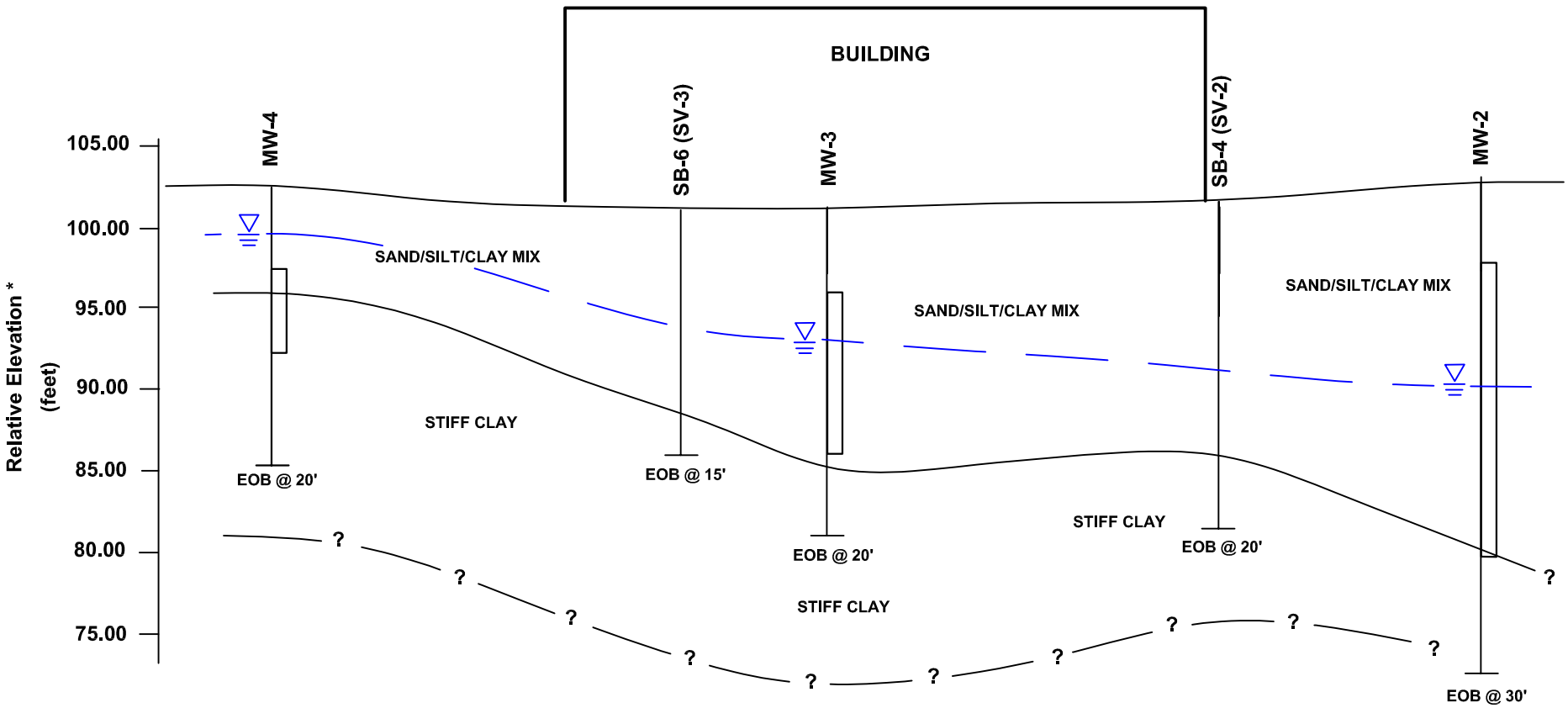
EOB indicates End of Boring (Total Depth)

SOUTH

B

NORTH

B'




* Elevations relative to site datum assigned an elevation of 100.00 feet

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**FIGURE 4B**

DATE: 12-13-2023

0 (approx scale) 35
feet

## North-South Conceptual Cross-Section

Water Table (10-30-2023)

Vertical scale as shown

= Screened Interval

EOB indicates End of Boring (Total Depth)

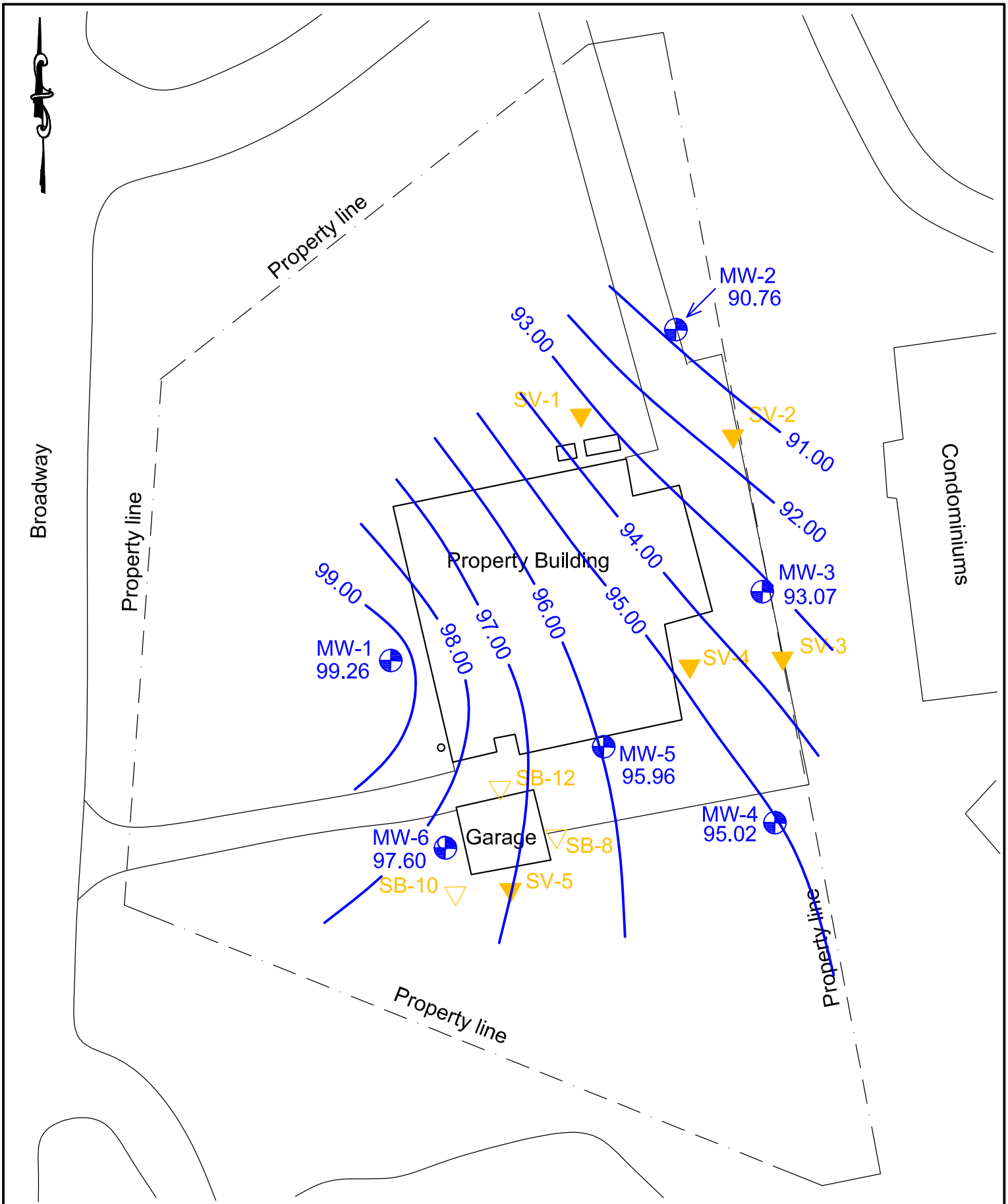


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Figure 5

Date: 10-30-2023

0 (approx scale) 70
feet

**Groundwater Contour Map**
**October 30, 2023**

- Soil Boring
- Monitoring Well
- Soil Vapor

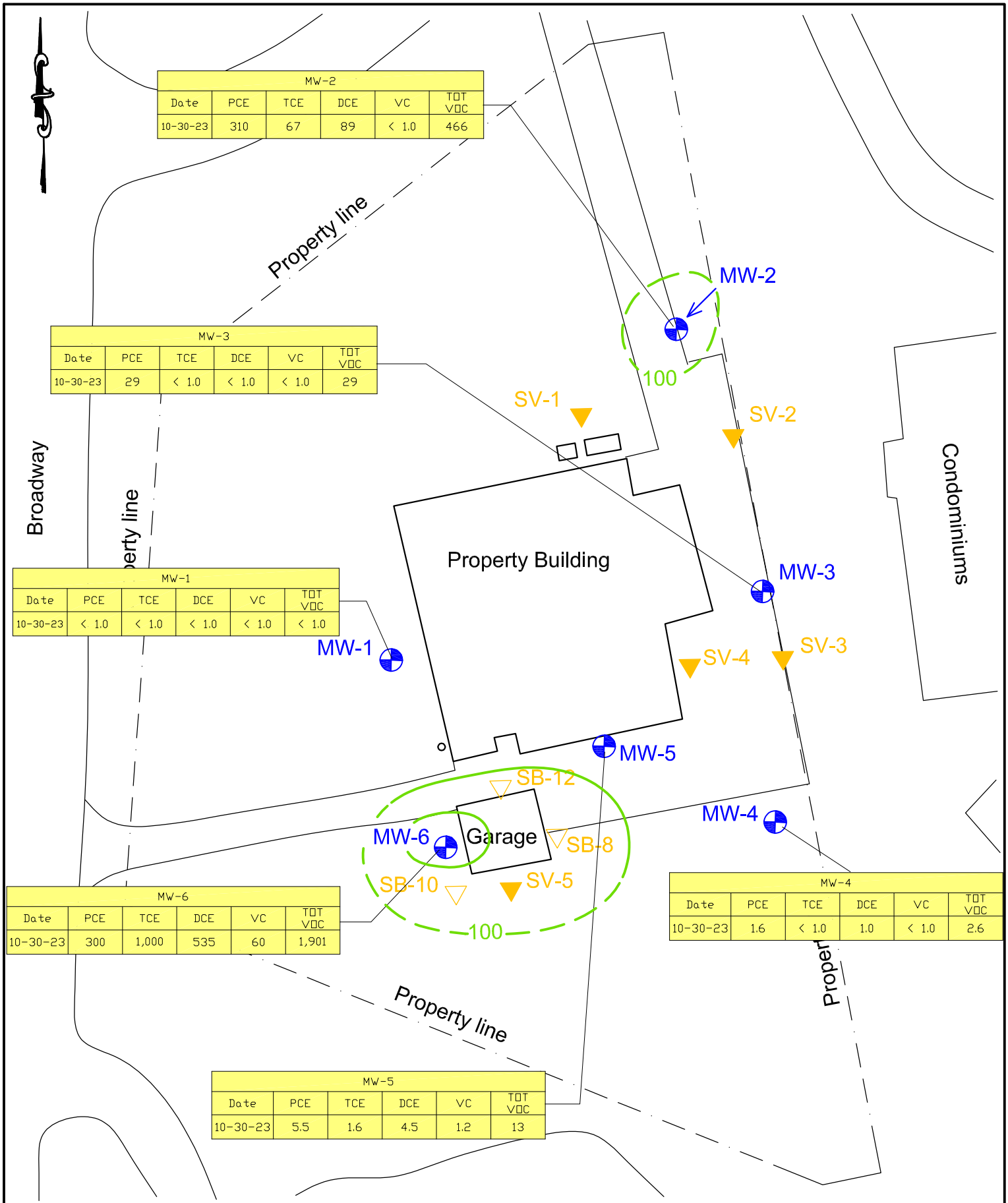


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Figure 6

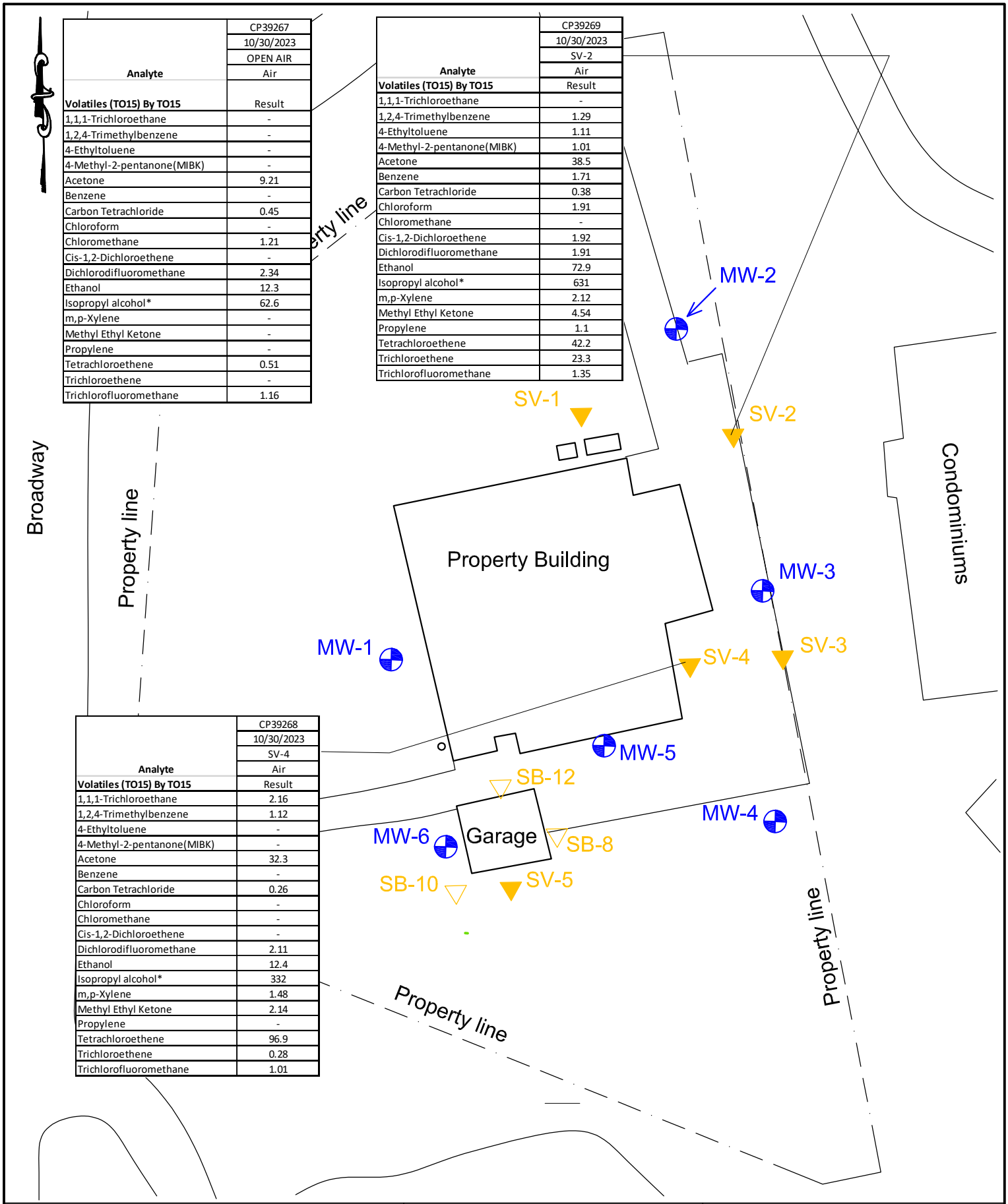
Date: 10-30-2023

0 (approx scale) 70
feet

**Groundwater Analytical Results**
**PCE and Related Degradation By-Products**
**October 30, 2023**

Concentrations in ug/L

Soil Boring
Monitoring Well
Soil Vapor Sampling Location




| Analyte | CP39267<br>10/30/2023<br>OPEN AIR<br>Air |
|---|---|
| **Volatiles (TO15) By TO15** | Result |
| 1,1,1-Trichloroethane | - |
| 1,2,4-Trimethylbenzene | - |
| 4-Ethyltoluene | - |
| 4-Methyl-2-pentanone(MIBK) | - |
| Acetone | 9.21 |
| Benzene | - |
| Carbon Tetrachloride | 0.45 |
| Chloroform | - |
| Chloromethane | 1.21 |
| Cis-1,2-Dichloroethene | - |
| Dichlorodifluoromethane | 2.34 |
| Ethanol | 12.3 |
| Isopropyl alcohol* | 62.6 |
| m,p-Xylene | - |
| Methyl Ethyl Ketone | - |
| Propylene | - |
| Tetrachloroethene | 0.51 |
| Trichloroethene | - |
| Trichlorofluoromethane | 1.16 |

| Analyte | CP39269<br>10/30/2023<br>SV-2<br>Air |
|---|---|
| **Volatiles (TO15) By TO15** | Result |
| 1,1,1-Trichloroethane | - |
| 1,2,4-Trimethylbenzene | 1.29 |
| 4-Ethyltoluene | 1.11 |
| 4-Methyl-2-pentanone(MIBK) | 1.01 |
| Acetone | 38.5 |
| Benzene | 1.71 |
| Carbon Tetrachloride | 0.38 |
| Chloroform | 1.91 |
| Chloromethane | - |
| Cis-1,2-Dichloroethene | 1.92 |
| Dichlorodifluoromethane | 1.91 |
| Ethanol | 72.9 |
| Isopropyl alcohol* | 631 |
| m,p-Xylene | 2.12 |
| Methyl Ethyl Ketone | 4.54 |
| Propylene | 1.1 |
| Tetrachloroethene | 42.2 |
| Trichloroethene | 23.3 |
| Trichlorofluoromethane | 1.35 |

| Analyte | CP39268<br>10/30/2023<br>SV-4<br>Air |
|---|---|
| **Volatiles (TO15) By TO15** | Result |
| 1,1,1-Trichloroethane | 2.16 |
| 1,2,4-Trimethylbenzene | 1.12 |
| 4-Ethyltoluene | - |
| 4-Methyl-2-pentanone(MIBK) | - |
| Acetone | 32.3 |
| Benzene | - |
| Carbon Tetrachloride | 0.26 |
| Chloroform | - |
| Chloromethane | - |
| Cis-1,2-Dichloroethene | - |
| Dichlorodifluoromethane | 2.11 |
| Ethanol | 12.4 |
| Isopropyl alcohol* | 332 |
| m,p-Xylene | 1.48 |
| Methyl Ethyl Ketone | 2.14 |
| Propylene | - |
| Tetrachloroethene | 96.9 |
| Trichloroethene | 0.28 |
| Trichlorofluoromethane | 1.01 |

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Powered by partnership.

SITE: Comm. Manufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

Figure 7

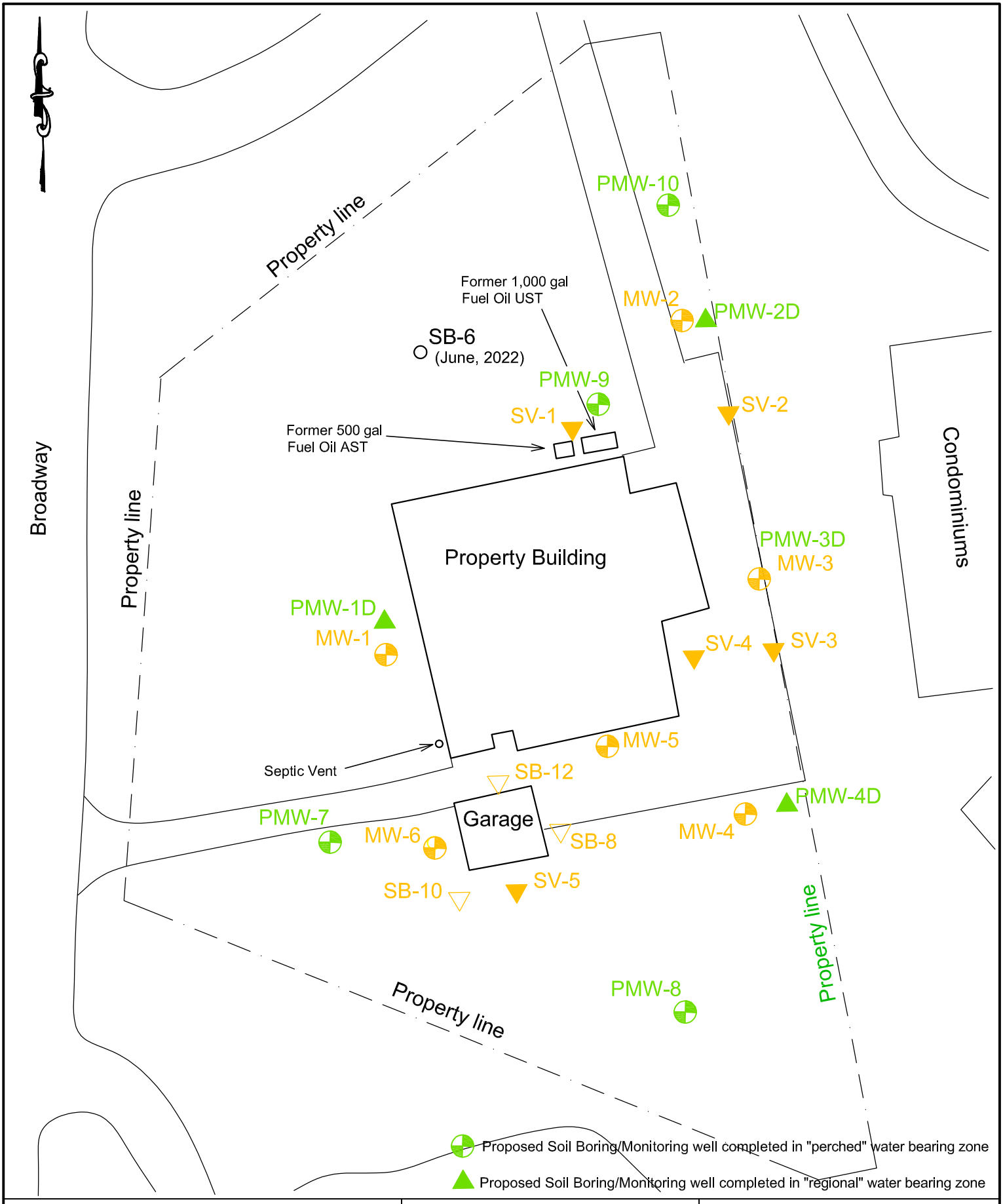
Date: 10-30-2023

0 (approx scale) 70
feet

**Soil Vapor Analytical Results**
**October 30, 2023**

Concentrations in ug/m3

Soil Boring
Monitoring Well
Soil Vapor Sampling Location




LaBella
Powered by partnership.

SITE: Comm. Manufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

Figure 8

Date: 12-19-2023

0 (approx scale) 70
feet

**Proposed Supplemental Soil Boring/Monitoring Well Locations**

- Soil Boring Only
- Soil Boring/Monitoring Well
- Soil Boring/Soil Vapor Sampling Point

# ATTACHMENT A

# GEOPHYSICAL INVESTIGATION RESULTS

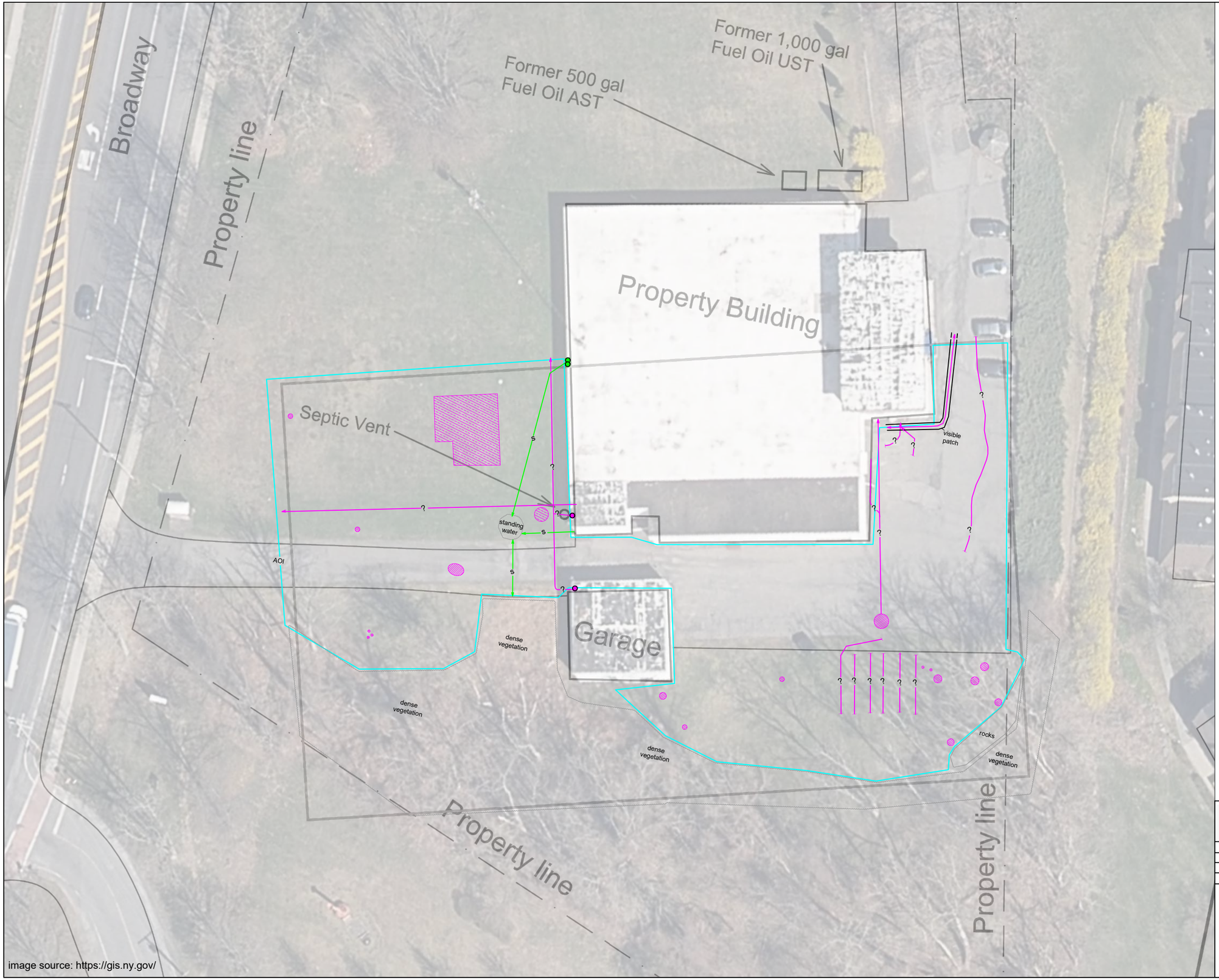



image source: https://gis.ny.gov/

## CGE LEGEND

- AOI — area of investigation
- metal-detector (conductive) anomaly
- ground penetrating radar (non-conductive) anomaly
- ?— suspected utility of undetermined use
- s— sewer or drain pipe
- unknown pipe

0 20 40 ft

Scale: One inch equals approximately forty feet


Clean Globe Environmental LLC (CGE)

Long Island
34 Cain Dr.
Brentwood, NY 11717

Rockland County
PO BOX 1895
New City, NY 10956

Phone: 888-454-5923, Ext 700


Figure 1. Results of a geophysical investigation

Client: LaBella Associates

Site Address: 115 Broadway, Port Ewen, NY

Date of Investigation: July 27-28, 2023

Please note:
The Client supplied basemap was overlaid on an orthoimage to generate this figure. The orthoimage does not represent current conditions.
This is not a survey quality map and locations of features should be considered approximate. The scope for this investigation was to search for evidence of underground utilities and structures within the AOI. Not all utilities are detectable, and not all pipes and areas beyond the AOI boundary were thoroughly investigated for features in the ground.

# ATTACHMENT B

# SOIL BORING AND WELL COMPLETION LOGS

WELL / BORING NO. SB-1 / MW-1

Site Name: Community Manufacturing | Date Drilled: Probed: 08/30/23 1340-1418 Drilled: 09/05/23 1005-1105

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 13.0' (Dia): 8" O.D. | Sampled TD: 18.7' (Dia): 2.0"

Well TD: 13.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 13.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 13.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership

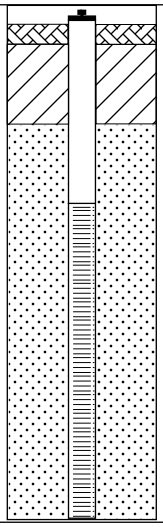
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9108881

Easting: -73.9768012

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, WET CONDITIONS |
| 0 |  | SS-1 0.0' - 5.0' RES: 3.2' NO ODOR NO VISUAL | 0.0 | 0.0' - 7.5' MEDIUM DENSE, DARK BROWN, POORLY GRADED FINE SAND & CLAY, MOIST, COHESIVE, OXIDIZED, UNLEACHED |
| 2 | | | | |
| 4 | | | 0.0 | 4.5' COLOR CHANGE TO DARK GRAY, REDUCED, UNLEACHED |
| 6 | | SS-1 5.0'-10.0' REC: 3.1' NO ODOR NO VISUAL | 0.0 | 5.0' COLOR CHANGE TO BROWN, OXIDIZED, UNLEACHED, DAMP |
| 8 | | | 0.0 | 7.5' - 10.5' MEDIUM DENSE, GRAY TO DARK BROWN, POORLY GRADED FINE SAND W/ CLAY, WET, COHESIVE, REDUCED, LEACHED |
| 10 | | SS-2 10.0'-15.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 10.5' - 12.5' MEDIUM DENSE, DARK GRAY, POORLY GRADED MEDIUM SAND, WET, COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 12 | | | 0.0 | 12.5' - 15.0' STIFF, DARK GRAY, LEAN CLAY, MEDIUM PLACTICITY, MOIST, REDUCED, UNLEACHED |
| 14 | | | | 14.0' COLOR CHANGE TO GRAY, REDUCED, LEACHED |
| 16 | | SS-3 15.0'-18.7' REC: 3.7' NO ODOR NO VISUAL | 0.0 | 15.0' - 18.7' VERY STIFF, BROWN, GRAY & ORANGE MOTTLED, LEAN CLAY, HIGH PLACTICITY, DAMP, OXIDIZED, UNLEACHED |
| 18 | | | 0.0 | 20.0' EQUIPMENT REFUSAL |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-2 / SV-1

Site Name: Community Manufacturing | Date Drilled: Probed: 08/29/23 0810-0850 Drilled: 08/31/23 1310-1340

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: Macro Core (Dia): 2.0" | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 7.0' (Dia): 2.0" | Sampled TD: 20.0' (Dia): 2.0"

Well TD: 5.0' (Dia): 0.75" | Well Type: Soil Vapor Point

Screen Interval: 5.0' - 4.5' | Slot Size: | Diameter: 0.75"

Cased Interval: 4.5' - 0.0' | Type: Poly Tubing | Diameter: 0.75"

Sand Pack Interval: 7.0' - 3.0' | Type: Glass Beads | Wellhead Prot: 6" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Granular | Grouted Interval: N.A.

LaBella
Powered by partnership

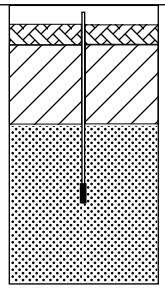
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | Glass Beads | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9111480

Easting: -73.9765541

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, DAMP CONDITIONS |
| 0 |  | Soft Dug 0.0' - 5.0' NO ODOR NO VISUAL | 0.0 | 0.0' - 3.0' SOFT, BROWN, POORLY GRADED FINE SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, TRACE COARSE SAND & SMALL SUB ANGULAR GRAVEL |
| 2 | | | | |
| 4 | | | 0.0 | 3.0' - 5.0' MEDIUM, BROWN, LEAN CLAY W/ SAND, HIGH PLASTICITY, DAMP, OXIDIZED, UNLEACHED |
| 6 | | SS-1 5.0'-10.0' REC: 4.8' NO ODOR NO VISUAL | 0.0 | 5.0' - 14.5' DENSE, BROWN, POORLY GRADED MEDIUM SAND, DAMP TO MOIST, NON COHESIVE, OXIDIZED, UNLEACHED |
| 8 | | | 0.0 | |
| 10 | | | | 9.5' BOREHOLE COLLAPSED<br>10.0' WET |
| 12 | | SS-2 10.0'-15.0' REC: 3.9' NO ODOR NO VISUAL | 0.0 | |
| 14 | | | 0.6 | |
| 16 | | SS-3 15.0'-20.0' REC: 3.2' NO ODOR NO VISUAL | 0.0 | 14.5' - 19.5' MEDIUM DENSE, DARK GRAY, POORLY GRADED FINE SAND, WET, NON COHESIVE, REDUCED, UNLEACHED, TRACE CLAY LENS<br>17.0' CHANGE TO LOOSE, NO CLAY LENS |
| 18 | | | 0.0 | |
| 20 | | | | 19.5' - 20.0' STIFF, DARK GRAY, LEAN CLAY, HIGH PLASTICITY, MOIST, REDUCED, UNLEACHED |
| 22 | | | | 20.0' END OF EXPLORATION |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-3 / MW-2

Site Name: Community Manufacturing | Date Drilled: Probed: 08/29/23 0930-1435 Drilled: 09/05/23 1440-1555

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 23.0' (Dia): 8" O.D. | Sampled TD: 30.0' (Dia): 2.0"

Well TD: 23.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 23.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 23.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership

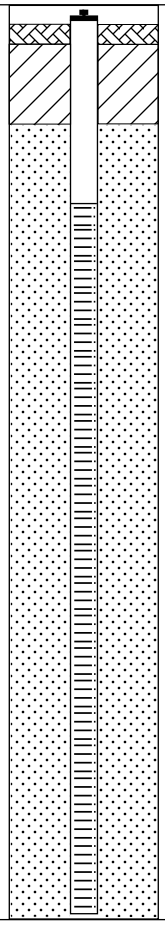
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9115810

Easting: -73.9763280



| Depth | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|
| | | | GRASS SURFACE 3" |
| 0 | SS-1 0.0'-5.0' REC: 3.4' NO ODOR NO VISUAL | 0.0 | 0.25' - 2.5' MEDIUM DENSE, BROWN, POORLY GRADED FINE SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, FEW MEDIUM SAND |
| 2 | | | |
| 4 | | 0.0 | 2.5' - 8.5' MEDIUM DENSE, TAN BROWN, POORLY GRADED MEDIUM SAND, DAMP, NON COHESIVE, OXIDIZED, LEACHED |
| 6 | SS-2 5.0'-10.0' REC: 2.3' NO ODOR NO VISUAL | 0.0 | |
| 8 | | 0.0 | 7.5' - 8.5' LARGER MEDIUM SAND GRAINS |
| 10 | | | 8.5' - 10.0' MEDIUM DENSE, BROWN, POORLY GRADED FINE SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, FEW MEDIUM SAND |
| 12 | SS-3 10.0'-15.0' REC: 3.9' NO ODOR NO VISUAL | 0.0 | 10.0' - 15.0' DENSE, GRADATIONAL COLOR CHANGE FROM BROWN TO GRAY BROWN, POORLY GRADED FINE SAND W/ CLAY, MOIST TO WET, COHESIVE, OXIDIZED, LEACHED |
| 14 | | 0.0 | |
| 16 | SS-4 15.0'-20.0' REC: 4.6' NO ODOR NO VISUAL | 0.0 | 15.0' - 18.5' DENSE, DARK BROWN, POORLY GRADED MEDIUM SAND, WET, COHESIVE, OXIDIZED, UNLEACHED, FEW CLAY |
| 18 | | 0.0 | |
| 20 | SS-5 20.0'-25.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 18.5' - 22.5' MEDIUM DENSE, DARK BROWN, POORLY GRADED MEDIUM SAND, WET, NON COHESIVE, OXIDIZED, UNLEACHED, FEW CLAY |
| 22 | | | 21.0' - 21.5' CLAY BAND |
| 24 | | 0.0 | 22.5' - 24.0' STIFF, DARK GRAY, LEAN CLAY, MOIST, HIGH PLASTICITY, REDUCED, UNLEACHED |
| 26 | | 0.0 | 24.0' - 30.0' STIFF, DARK GRAY, LEAN CLAY W/ FINE SAND, MOIST, HIGH PLASTICITY, REDUCED, UNLEACHED |

WELL / BORING NO. SB-3 / MW-2

Site Name: Community Manufacturing | Date Drilled: Probed: 08/29/23 0930-1435 Drilled: 09/05/23 1440-1555

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 23.0' (Dia): 8" O.D. | Sampled TD: 30.0' (Dia): 2.0"

Well TD: 23.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 23.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 23.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership.

**KEY:**

Bentonite | Native Soil | Screen

0 Sand | Concrete | pvc Riser | Grip Cap

**GPS Coordinates:**

Northing: 41.9115810

Easting: -73.9763280

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| 28 | | SS-6<br>25.0'-30.0'<br>REC: 5.0'<br>NO ODOR<br>NO VISUAL | 0.0 | 24.0' - 30.0'<br>STIFF, DARK GRAY, LEAN CLAY W/ FINE SAND, MOIST, HIGH PLASTICITY, REDUCED, UNLEACHED |
| 30 | | | | 30.0'<br>END OF EXPLORATION<br><br>MACRO CORE FROM 25.' - 30.0' INTERVAL WAS SANLOCKED.<br>PLASTIC SLEEVE WAS DESTROYED UPON EXTRACTION |

WELL / BORING NO. SB-4 / SV-2

Site Name: Community Manufacturing | Date Drilled: Probed: 08/29/23 0810-0850 Drilled: 08/31/23 1310-1340

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: Macro Core (Dia): 2.0" | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 7.0' (Dia): 2.0" | Sampled TD: 20.0' (Dia): 2.0"

Well TD: 5.0' (Dia): 0.75" | Well Type: Soil Vapor Point

Screen Interval: 5.0' - 4.5' | Slot Size: | Diameter: 0.75"

Cased Interval: 4.5' - 0.0' | Type: Poly Tubing | Diameter: 0.75"

Sand Pack Interval: 7.0' - 3.0' | Type: Glass Beads | Wellhead Prot: 6" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Granular | Grouted Interval: N.A.

LaBella
Powered by partnership

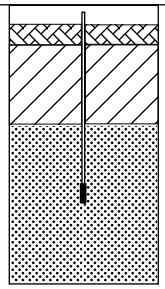
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | Glass Beads | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9114947

Easting: -73.9762262

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | ASPHALT SURFACE 3", MODIFIED GRAVEL 5" |
| 0 |  | Soft Dug 0.0' - 5.0' NO ODOR NO VISUAL | 0.0 | 0.7' - 7.0' LOOSE, GRAY BROWN, POORLY GRADED MEDIUM SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED |
| 2 | | | | |
| 4 | | | 0.0 | |
| 6 | | SS-1 5.0'-10.0' REC: 4.8' NO ODOR NO VISUAL | 0.0 | |
| 8 | | | 0.0 | 7.0' - 15.5' MEDIUM, BROWN, LEAN CLAY W/ FINE SAND, MEDIUM PLASTICY, DAMP TO MOIST, OXIDIZED, UNLEACHED |
| 10 | | | | 8.5' BOREHOLE COLLAPSED |
| 12 | | SS-2 10.0'-15.0' REC: 3.9' NO ODOR NO VISUAL | 0.0 | |
| 14 | | | 0.6 | |
| 16 | | SS-3 15.0'-20.0' REC: 3.2' NO ODOR NO VISUAL | 0.0 | 15.5' - 20.0' MEDIUM, DARK GRAY, LEAN CLAY W/ FINE SAND, WET, MEDIUM PLASTICITY, REDUCED, LEACHED |
| 18 | | | 0.0 | 17.5' - 18.0' LOOSE, BROWN, MEDIUM SAND BAND |
| 20 | | | | 20.0' END OF EXPLORATION |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-5 / MW-3

Site Name: Community Manufacturing | Date Drilled: Probed: 08/29/23 1605-1630 Drilled: 09/05/23 1330-1415

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 15.0' (Dia): 8" O.D. | Sampled TD: 20.0' (Dia): 2.0"

Well TD: 15.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 15.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 15.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella Powered by partnership

**KEY:**

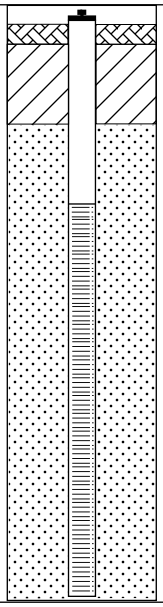
Bentonite | Native Soil | Screen

0 Sand | Concrete | pvc Riser | Grip Cap

**GPS Coordinates:**

Northing: 41.9112309

Easting: -73.9761407



| Depth | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|
| | | | ASPHALT SURFACE 2", MODIFIED GRAVEL 6" |
| 0 | SS-1 0.0'-5.0' REC: 2.8' NO ODOR NO VISUAL | 0.0 | 0.7' - 5.0' DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, DAMP, COHESIVE, OXIDIZED, UNLEACHED, TRACE SUB ANGULAR GRAVEL |
| 2 | | | |
| 4 | | 0.0 | |
| 6 | SS-2 5.0'-10.0' REC: 3.8' NO ODOR NO VISUAL | 0.0 | 5.0' - 14.0' DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, MOIST, COHESIVE, OXIDIZED, UNLEACHED |
| 8 | | | |
| 10 | | 0.0 | |
| 12 | SS-3 10.0'-15.0' REC: 4.6' NO ODOR NO VISUAL | | 11.0' - 12.0' COLOR CHANGE TO GRAY |
| 14 | | 0.0 | 14.0' - 15.5' DENSE, DARK GRAY, POORLY GRADED FINE SAND W/ CLAY, DAMP, COHESIVE, REDUCED, LEACHED |
| 16 | SS-4 15.0'-20.0' REC: 4.9' NO ODOR NO VISUAL | 0.0 | 15.5' - 20.0' STIFF, DARK GRAY, LEAN CLAY, DAMP TO MOIST, HIGH PLASTICITY, REDUCED, UNLEACHED |
| 18 | | 0.0 | 18.5' 2" BAND OF MEDIUM SAND |
| 20 | | | 20.0' END OF EXPLORATION |
| 22 | | | |
| 24 | | | |
| 26 | | | |

WELL / BORING NO. SB-6 / SV-3

Site Name: Community Manufacturing | Date Drilled: Probed: 08/30/23 0847-0920 Drilled: 08/31/23 1430-1440

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: Macro Core (Dia): 2.0" | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 6.0' (Dia): 2.0" | Sampled TD: 15.0' (Dia): 2.0"

Well TD: 4.0' (Dia): 0.75" | Well Type: Soil Vapor Point

Screen Interval: 4.0' - 3.5' | Slot Size: | Diameter: 0.75"

Cased Interval: 3.5' - 0.0' | Type: Poly Tubing | Diameter: 0.75"

Sand Pack Interval: 6.0' - 2.0' | Type: Glass Beads | Wellhead Prot: 6" Roadbox

Bentonite Seal Interval: 2.0' - 1.0' | Type: Benseal Granular | Grouted Interval: N.A.

LaBella Powered by partnership

**KEY:**

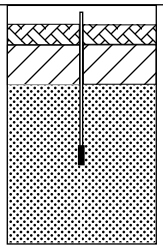
Bentonite | Native Soil | Screen

Glass Beads | Concrete | pvc Riser | Grip Cap

**GPS Coordinates:**

Northing: 41.9111588

Easting: -73.9761202

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | ASPHALT SURFACE 3", MODIFIED GRAVEL 5" |
| 0 |  | SS-1 0.0' - 5.0' REC: 2.7' NO ODOR NO VISUAL | 0.0 | 0.7' - 3.0' LOOSE, LIGHT BROWN, POORLY GRADED MEDIUM SAND, DAMP, NON COHESIVE, OXIDIZED, LEACHED |
| 2 | | | | |
| 4 | | | 0.0 | 3.0' - 4.5' MEDIUM DENSE, BROWN, POORLY GRADED MEDIUM & FINE SAND, DAMP, NON COHESIVE, OXIDIZED, LEACHED |
| 6 | | SS-2 5.0'-10.0' REC: 3.6' NO ODOR NO VISUAL | 0.0 | 4.5' - 11.0' DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, WET, COHESIVE, OXIDIZED, UNLEACHED |
| 8 | | | | 7.5' BOREHOLE COLLAPSED |
| 10 | | | 0.0 | |
| 12 | | SS-3 10.0'-15.0' REC: 3.5' NO ODOR NO VISUAL | 0.0 | 11.0' - 12.5' MEDIUM, BROWN, LEAN CLAY W/ FINE SAND, DAMP, MEDIUM PLASTICITY, OXIDIZED, UNLEACHED |
| 14 | | | 0.0 | 12.5' - 15.0' MEDIUM, GRAY, LEAN CLAY W/ FINE SAND, DAMP, HIGH PLASTICITY, REDUCED, UNLEACHED |
| 16 | | | | 15.0' END OF EXPLORATION |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-7 / MW-5

Site Name: Community Manufacturing | Date Drilled: Probed: 08/30/23 1438-1506 Drilled: 09/05/23 1125-1200

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 10.0' (Dia): 8" O.D. | Sampled TD: 15.0' (Dia): 2.0"

Well TD: 10.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 10.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 10.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership

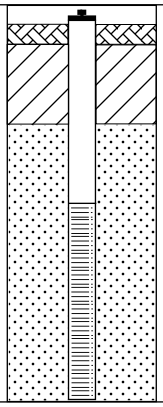
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9110286

Easting: -73.9765018

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | ASPHALT SURFACE 3", MODIFIED GRAVEL 9" |
| 0 |  | SS-1 0.0'-5.0' REC: 3.2' NO ODOR NO VISUAL | 0.0 | 1.0' - 4.0' MEDIUM DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, DAMP, COHESIVE, OXIDIZED, UNLEACHED |
| 2 | | | | |
| 4 | | | 0.0 | 4.0' - 4.5' LOOSE, DARK BROWN, POORLY GRADED MEDIUM SAND, MOIST, NON COHESIVE, OXIDIZED, UNLEACHED |
| 6 | | SS-2 5.0'-10.0' REC: 3.7' NO ODOR NO VISUAL | 0.0 | 4.5' - 10.0' LOOSE, DARK GRAY, POORLY GRADED MEDIUM SAND, WET AT 6.0', NON COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 8 | | | 0.0 | |
| 10 | | SS-3 10.0'-15.0' REC: 3.5' NO ODOR NO VISUAL | 0.0 | 10.0' - 15.0' VERY STIFF, BROWN, GRAY & ORANGE MOTTLED, LEAN CLAY, DAMP, HIGH PLASTICITY, OXIDIZED, UNLEACHED |
| 12 | | | | |
| 14 | | | 0.0 | 15.0' END OF EXPLORATION |
| 16 | | | | |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-8

Site Name: Community Manufacturing

Date Drilled: Probed: 08/30/23 1438-1506

Location: 115 Broadway, Port Ewen, NY

Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing

Driller: Mike Deyette

Phone No.:

Logged by: C. Herman

Drilling Method: (Dia):

Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: (Dia):

Sampled TD: 15.0' (Dia): 2.0"

Well TD: (Dia):

Well Type: Soil Boring

Screen Interval: Slot Size: Diameter:

Cased Interval: Type: Diameter:

Sand Pack Interval: Type: Wellhead Prot:

Bentonite Seal Interval: Type: Grouted Interval:

LaBella
Powered by partnership

**KEY:**

Bentonite | Native Soil | Screen | pvc Riser

0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.910899

Easting: -73.9765770

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, WET CONDITIONS |
| 0 | | SS-1 0.0'-5.0' REC: 2.4' NO ODOR NO VISUAL | 0.0 | 0.0' - 7.0' MEDIUM DENSE, BROWN, POORLY GRADED MEDIUM SAND, WET (RAIN), NON COHESIVE, OXIDIZED, UNLEACHED |
| 2 | | | | |
| 4 | | | 0.0 | |
| 6 | | SS-2 5.0'-10.0' REC: 2.9' NO ODOR NO VISUAL | 0.0 | |
| 8 | | | 2.6 | 7.0' - 14.0' MEDIUM DENSE, DARK GRAY, POORLY GRADED MEDIUM SAND, WET, COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 10 | | | | 8.0' COLOR CHANGE TO GRAY, LEACHED |
| 12 | | SS-3 10.0'-15.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 13.0' COLOR CHNAGE TO BROWN, OXIDIZED, UNLEACHED |
| 14 | | | 0.0 | 14.0' - 15.0' STIFF, BROWN, LEAN CLAY, DAMP, MEDIUM PLASTICITY, OXIDIZED, UNLEACHED |
| 16 | | | | 15.0' END OF EXPLORATION |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-9 / SV-5

Site Name: Community Manufacturing | Date Drilled: Probed: 08/30/23 1045-1130 | Drilled: 08/31/23 1445-1455

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: Macro Core (Dia): 2.0" | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 6.0' (Dia): 2.0" | Sampled TD: 20.0' (Dia): 2.0"

Well TD: 4.0' (Dia): 0.75" | Well Type: Soil Vapor Point

Screen Interval: 4.0' - 3.5' | Slot Size: | Diameter: 0.75"

Cased Interval: 3.5' - 0.0' | Type: Poly Tubing | Diameter: 0.75"

Sand Pack Interval: 6.0' - 2.0' | Type: Glass Beads | Wellhead Prot: 6" Roadbox

Bentonite Seal Interval: 2.0' - 1.0' | Type: Benseal Granular | Grouted Interval: N.A.

LaBella Powered by partnership

**KEY:**

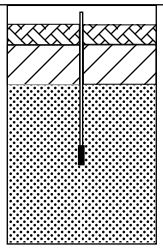
Bentonite | Native Soil | Screen

Glass Beads | Concrete | pvc Riser | Grip Cap

**GPS Coordinates:**

Northing: 41.9108155

Easting: -73.9766587

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, WET CONDITIONS |
| 0 |  | SS-1 0.0' - 5.0' REC: 3.5' NO ODOR NO VISUAL | 0.0 | 0.0' - 4.0' MEDIUM DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, MOIST, COHESIVE, OXIDIZED, UNLEACHED |
| 2 | | | | |
| 4 | | | 0.0 | 4.0' - 5.0' LOOSE, DARK BROWN, POORLY GRADED MEDIUM SAND, WET, NON COHESIVE, OXIDIZED, UNLEACHED |
| 6 | | SS-2 5.0'-10.0' REC: 3.5' NO ODOR NO VISUAL | 0.0 | 5.0' - 12.5' LOOSE, DARK GRAY, POORLY GRADED MEDIUM SAND, SATURATED, COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 8 | | | 0.0 | |
| 10 | | SS-3 10.0'-15.0' REC: 4.1' NO ODOR NO VISUAL | 0.0 | |
| 12 | | | | |
| 14 | | | 0.0 | 12.5' - 13.5' STIFF, GRAY, LEAN CLAY, DAMP, HIGH PLASTICITY, REDUCED, LEACHED |
| | | | | 13.5' - 14.5' LOOSE, GRAY, POORLY GRADED MEDIUM SAND W/ CLAY, WET, COHESIVE, REDUCED, UNLEACHED |
| 16 | | SS-4 15.0'-20.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 14.5' - 15.0' LOOSE, GRAY, SUB ANGULAR GRAVEL W/ SAND, WET, NON COHESIVE, REDUCED, UNLEACHED |
| 18 | | | 0.0 | |
| 20 | | | | 15.0' - 20.0' VERY STIFF, BROWN, GRAY & ORANGE MOTTLED, LEAN CLAY, DAMP, HIGH PLASTICITY, OXIDIZED, UNLEACHED |
| 22 | | | | 20.0' END OF EXPLORATION |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-10

Site Name: Community Manufacturing  Date Drilled: Probed: 08/30/23 1150-1220

Location: 115 Broadway, Port Ewen, NY  Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing  Driller: Mike Deyette

Phone No.:  Logged by: C. Herman

Drilling Method:  (Dia):  Sampling Method: Macro Core  (Dia): 2.0"

Drilled TD:  (Dia):  Sampled TD: 15.0'  (Dia): 2.0"

Well TD:  (Dia):  Well Type: Soil Boring

Screen Interval:  Slot Size:  Diameter:

Cased Interval:  Type:  Diameter:

Sand Pack Interval:  Type:  Wellhead Prot:

Bentonite Seal Interval:  Type:  Grouted Interval:

LaBella
Powered by partnership

**KEY:**

Bentonite | Native Soil | Screen
0 Sand | Concrete | pvc Riser | Grip Cap

**GPS Coordinates:**

Northing: 41.910815
Easting: -73.976762

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, WET CONDITIONS |
| 0 | | SS-1 0.0'-5.0' REC: 2.7' NO ODOR NO VISUAL | 0.0 | 0.0' - 1.5' MEDIUM DENSE, DARK BROWN, POORLY GRADED FINE SAND & CLAY, DAMP TO MOIST, COHESIVE, OXIDIZED, UNLEACHED, TRACE MEDIUM SAND |
| 2 | | | | 1.5' - 12.0' MEDIUM DENSE, GRAY BROWN, POORLY GRADED FINE SAND, DAMP, COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 4 | | | 0.0 | |
| 6 | | SS-2 5.0'-10.0' REC: 2.4' NO ODOR NO VISUAL | 0.0 | 6.5' COLOR CHANGE TO DARK GRAY, WET |
| 8 | | | | |
| 10 | | | 0.0 | |
| 12 | | SS-3 10.0'-15.0' REC: 3.9' NO ODOR NO VISUAL | 0.0 | 12.0' - 15.0' STIFF, DARK BROWN, LEAN CLAY, DAMP, HIGH PLASTICITY, OXIDIZED, UNLEACHED |
| 14 | | | 0.0 | |
| 16 | | | | 15.0' END OF EXPLORATION |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-11 / MW-6

Site Name: Community Manufacturing | Date Drilled: Probed: 08/28/23 1400-1500 | Drilled: 09/01/23 0820-0920

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 15.0' (Dia): 8" O.D. | Sampled TD: 20.0' (Dia): 2.0"

Well TD: 15.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 15.0' - 4.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 4.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 15.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership

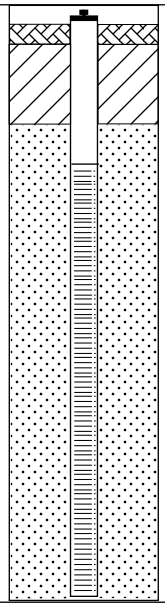
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9111479

Easting: -73.9769098



| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, DAMP CONDITIONS |
| 0 | | Soft Dug 0.0' - 5.0' NO ODOR NO VISUAL | 0.0 | 0.0' - 5.0' SOFT, BROWN, POORLY GRADED FINE SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, TRACE COARSE SAND & SMALL SUB ANGULAR GRAVEL |
| 2 | | | | |
| 4 | | | 5.6 | |
| 6 | | SS-1 5.0'-10.0' REC: 4.4' NO ODOR NO VISUAL | 37.4 | 5.0' - 10.0' SOFT, BROWN & GRAY MOTTLED, POORLY GRADED FINE SAND, DAMP TO MOIST, COHESIVE, REDUCED, UNLEACHED, TRACE COARSE SAND & CLAY |
| 8 | | | 16.0 | CHANGE TO OXIDIZED, LEACHED AT 7.5' |
| 10 | | SS-2 10.0'-15.0' REC: 4.4' NO ODOR NO VISUAL | 1.0 | 10.0' - 11.5' SOFT, BROWN, POORLY GRADED MEDIUM SAND, WET, NON COHESIVE, REDUCED, LEACHED |
| 12 | | | | 11.5' - 14.5' SOFT, BROWN & GRAY MOTTLED, POORLY GRADED FINE SAND, WET, COHESIVE, REDUCED, UNLEACHED, TRACE COARSE SAND & CLAY |
| 14 | | | 0.0 | |
| 16 | | SS-3 15.0'-20.0' REC: 4.4' NO ODOR NO VISUAL | 0.0 | 14.5' - 20.0' MEDIUM, DARK GRAY, LEAN CLAY, MEDIUM PLACTICITY, MOIST, REDUCED, UNLEACHED, TRACE FINE SAND |
| 18 | | | 0.0 | 17.5' CHANGE TO HIGH PLASTICITY |
| 20 | | | | 20.0' END OF EXPLORATION |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-12

Site Name: Community Manufacturing | Date Drilled: Probed: 08/31/23 0752-0830

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: (Dia): | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: (Dia): | Sampled TD: 20.0' (Dia): 2.0"

Well TD: (Dia): | Well Type: Soil Boring

Screen Interval: Slot Size: Diameter:

Cased Interval: Type: Diameter:

Sand Pack Interval: Type: Wellhead Prot:

Bentonite Seal Interval: Type: Grouted Interval:

LaBella
Powered by partnership

**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.910977

Easting: -73.976702

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| 0 | | | | ASPHALT SURFACE 3", MODIFIED GRAVEL TO 1.5' |
| 2 | | SS-1 0.0'-5.0' REC: 3.7' NO ODOR NO VISUAL | 3.4 | 1.5' - 3.5' DENSE, DARK BROWN, POORLY GRADED FINE SAND & CLAY, DAMP COHESIVE, OXIDIZED, UNLEACHED |
| 4 | | | 2.0 | 3.5' - 13.0' MEDIUM DENSE, DARK GRAY, POORLY GRADED MEDIUM SAND, DAMP, COHESIVE, REDUCED, UNLEACHED, TRACE CLAY |
| 6 | | SS-2 5.0'-10.0' REC: 2.8' NO ODOR NO VISUAL | 0.0 | 4.0' COLOR CHANGE TO GRAY, REDUCED, LEACHED |
| 8 | | | 0.0 | 7.0' WET |
| 10 | | SS-3 10.0'-15.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 10.0' SATURATED |
| 12 | | | | |
| 14 | | | 0.0 | 13.0' - 14.0' DENSE, GRAY W/ BROWN MOTTLING, POORLY GRADED MEDIUM SAND W/ CLAY, WET, COHESIVE, REDUCED, UNLEACHED |
| 16 | | SS-4 15.0'-20.0' REC: 4.0' NO ODOR NO VISUAL | 0.0 | 14.0' - 18.0' VERY STIFF, BROWN W/ GRAY & ORANGE MOTTLING, LEAN CLAY, DAMP HIGH PLASTICTY, OXIDIZED, UNLEACHED |
| 18 | | | 0.0 | 18.0' - 19.0' LOOSE, BROWN, POORLY GRADED MEDIUM SAND W/ CLAY, WET, COHESIVE OXIDIZED, UNLEACHED |
| 20 | | | | 19.0' - 20.0' STIFF, BROWN, LEAN CLAY, DAMP, HIGH PLASTICTY, OXIDIZED, UNLEACHED |
| 22 | | | | 20.0' END OF EXPLORATION |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-13 / MW-4

Site Name: Community Manufacturing | Date Drilled: Probed: 08/31/23 0955-1030 Drilled: 09/05/23 1255-1325

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: HSA (Dia): 8" O.D. | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 10.0' (Dia): 8" O.D. | Sampled TD: 17.0' (Dia): 2.0"

Well TD: 10.0' (Dia): 2" I.D. | Well Type: Monitoring Well

Screen Interval: 10.0' - 5.0' | Slot Size: 0.010 Slot | Diameter: 2" I.D.

Cased Interval: 5.0' - 0.0' | Type: Schedule 80 PVC | Diameter: 2" I.D.

Sand Pack Interval: 10.0' - 3.0' | Type: Grade 4095 | Wellhead Prot: 8" Roadbox

Bentonite Seal Interval: 3.0' - 1.0' | Type: Benseal Chips | Grouted Interval: N.A.

LaBella
Powered by partnership

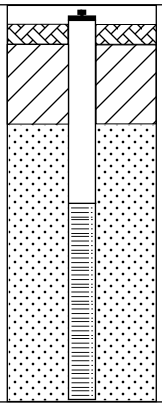
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | 0 Sand | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9109415

Easting: -73.9761695

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | GRASS SURFACE, DAMP CONDITIONS |
| 0 |  | Soft Dug 0.0' - 5.0' NO ODOR NO VISUAL | 0.0 | 0.0' - 6.5' MEDIUM DENSE, BROWN, POORLY GRADED MEDIUM SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, TRACE SUB ANGULAR GRAVEL |
| 2 | | | | |
| 4 | | | 0.0 | |
| 6 | | SS-1 5.0'-10.0' REC: 5.0' NO ODOR NO VISUAL | 0.0 | 6.5' - 11.0' VERY STIFF, BROWN, LEAN CLAY, DAMP, HIGH PLASTICITY, OXIDIZED, UNLEACHED |
| 8 | | | | 8.5' 4" BAND OF MED SAND, WET |
| 10 | | | 0.0 | |
| 12 | | SS-2 10.0'-15.0' REC: 4.5' NO ODOR NO VISUAL | 0.0 | 11.0' - 14.0' VERY STIFF, BROWN, LEAN CLAY W/ SUB ANGULAR GRAVEL, DAMP, LOW PLASTICITY, OXIDIZED, LEACHED |
| 14 | | | 0.0 | 14.0' - 17.0' DENSE, DARK BROWN, SUB ANGULAR GRAVEL W/ COARSE SAND, DAMP, NON COHESIVE, OXIDIZED, UNLEACHED, FEW MEDIUM SAND, TRACE CLAY |
| 16 | | SS-3 15.0'-17.0' REC: 1.3' NO ODOR NO VISUAL | 0.0 | 17.0' EQUIPMENT REFUSAL |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

WELL / BORING NO. SB-14 / SV-4

Site Name: Community Manufacturing | Date Drilled: Probed: 08/30/23 1045-1130 Drilled: 08/31/23 1445-1455

Location: 115 Broadway, Port Ewen, NY | Drilling Co.: LaBella Associates, D.P.C.

Client: Community Manufacturing | Driller: Mike Deyette

Phone No.: | Logged by: C. Herman

Drilling Method: Macro Core (Dia): 2.0" | Sampling Method: Macro Core (Dia): 2.0"

Drilled TD: 6.0' (Dia): 2.0" | Sampled TD: 15.0' (Dia): 2.0"

Well TD: 4.0' (Dia): 0.75" | Well Type: Soil Vapor Point

Screen Interval: 4.0' - 3.5' | Slot Size: | Diameter: 0.75"

Cased Interval: 3.5' - 0.0' | Type: Poly Tubing | Diameter: 0.75"

Sand Pack Interval: 6.0' - 2.0' | Type: Glass Beads | Wellhead Prot: 6" Roadbox

Bentonite Seal Interval: 2.0' - 1.0' | Type: Benseal Granular | Grouted Interval: N.A.

LaBella
Powered by partnership

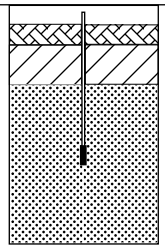
**KEY:**

Bentonite | Native Soil | Screen | pvc Riser | Glass Beads | Concrete | Grip Cap

**GPS Coordinates:**

Northing: 41.9111556

Easting: -73.9762785

| Depth | Well Construction | Sample: Recovery: Blows | PID (ppm): | Description / Soil Classification |
|---|---|---|---|---|
| | | | | ASPHALT SURFACE 3', MODIFIED GRAVEL 2" |
| 0 |  | SS-1 0.0' - 5.0' REC: 3.2' NO ODOR NO VISUAL | 0.0 | 0.5' - 6.0' DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, DAMP, COHESIVE, OXIDIZED, UNLEACHED, FEW MEDIUM SAND |
| 2 | | | | |
| 4 | | | 0.0 | |
| 6 | | SS-2 5.0'-10.0' REC: 4.1' NO ODOR NO VISUAL | 0.0 | 6.0' - 7.5' LOOSE, BROWN, POORLY GRADED MEDIUM SAND, WET, NON COHESIVE, REDUCED, UNLEACHED |
| 8 | | | 0.0 | 7.5' - 9.0' MEDIUM DENSE, BROWN, POORLY GRADED FINE SAND W/ CLAY, WET, COHESIVE, OXIDIZED, UNLEACHED |
| 10 | | | | |
| 12 | | SS-3 10.0'-15.0' REC: 3.5' NO ODOR NO VISUAL | 0.0 | 9.0' - 15.0' STIFF, BROWN, LEAN CLAY, MOIST, HIGH PLASTICITY, OXIDIZED, UNLEACHED<br>10.0' COLOR CHANGE TO DARK GRAY, REDUCED, UNLEACHED |
| 14 | | | 0.0 | 15.0' END OF EXPLORATION |
| 16 | | | | |
| 18 | | | | |
| 20 | | | | |
| 22 | | | | |
| 24 | | | | |
| 26 | | | | |

# ATTACHMENT C

# SUMMARY TABLES

Summary of Compounds Identified in Soil Samples
Community Manufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

| Analyte | CAS | SCO*** Unrestricted | SCO*** Restricted Residential | Lab Sample ID | CO88255 | CO88256 | CO88257 | CO88258 | CO88259 | CO88344 | CO88345 | CO88245 | CO88246 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Collection Date | 8/28/2023 | 8/29/2023 | 8/29/2023 | 8/29/2023 | 8/29/2023 | 8/29/2023 | 8/29/2023 | 8/30/2023 | 8/30/2023 |
| | | | | Client Id | SB-1 | SB-2 | SB-3 | SB-4 | SB-5 | TB LL | TB HL | SB-6 | SB-8 (1) |
| | | | | Depth Range: | (13.5 - 14.5) | (18.5 - 19.5) | (21.5 - 22.5) | (17.5 - 18) | (14.5 - 15.5) | | | (10 - 11) | (3.5 - 4.5) |
| | | | | | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Metals, Total** | | | | | | | | | | | | | |
| Arsenic | 7440-38-2 | 13 | 16 | | 3.4 | 2.5 | 6.0 | 2.4 | 4.9 | NA | NA | 3.2 | 3.4 |
| Barium | 7440-39-3 | 350 | 400 | | 35 | 17 | 45 | 30 | 199 | NA | NA | 50 | 42 |
| Cadmium | 7440-43-9 | 2.5 | 4.3 | | 0.7 | 0.6 | 0.7 | 0.7 | 1.6 | NA | NA | 0.7 | 0.7 |
| Chromium | 7440-47-3 | 30 | 180 | | 10 | 7.9 | 9.7 | 11 | 27 | NA | NA | 10 | 9.8 |
| Lead | 7439-92-1 | 63 | 400 | | 8.6 | 6.7 | 11 | 10 | 16 | NA | NA | 9.4 | 15 |
| Mercury | 7439-97-6 | 0.18 | 0.81 | | - | - | - | - | - | NA | NA | - | - |
| **Volatiles By SW8260D** | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | 26 | | - | - | - | - | - | - | - | - | - |
| Acetone* | 67-64-1 | 0.05 | 100 | | - | - | - | 0.01 | - | 0.01 | - | - | 0.005 |
| Carbon Disulfide | 75-15-0 | NA | 100^ | | - | - | - | - | - | - | - | - | - |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | 100 | | - | 0.01 | 0.01 | 0.001 | - | - | - | - | - |
| m&p-Xylene | 179601-23-1 | 0.26 | 100 | | - | - | - | - | - | - | - | - | - |
| Methyl Ethyl Ketone | 78-93-3 | 0.12 | 100 | | - | - | - | - | - | - | - | - | - |
| Methylene chloride | 75-09-2 | 0.05 | 100 | | - | - | - | - | - | - | - | - | - |
| Tetrachloroethene | 127-18-4 | 1.30 | 19 | | - | 0.005 | 0.28 | 0.01 | - | - | - | 0.44 | 0.03 |
| Tetrahydrofuran (THF)* | 109-99-9 | NA | NA | | 0.01 | 0.01 | 0.01 | 0.01 | - | 0.01 | - | 0.01 | 0.005 |
| Toluene | 108-88-3 | 0.70 | 100 | | - | - | - | - | - | - | - | - | - |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | 100 | | - | - | - | - | - | - | - | - | - |
| Trichloroethene | 79-01-6 | 0.47 | 21 | | - | 0.01 | 0.02 | 0.004 | - | - | - | 0.001 | - |
| Vinyl chloride | 75-01-4 | 0.02 | 0.9 | | - | - | - | - | - | - | - | - | - |
| | | | | **Total VOCs**:** | - | 0.023 | 0.313 | 0.011 | - | - | - | 0.441 | 0.032 |
| **Semivolatiles By SW8270D** | | | | | - | - | - | - | - | - | - | - | - |

Notes:
All concentrations presented in milligrams per kilogram (mg/Kg)
CAS = Chemical Abstract Service compound identifier
* Compound detected in an associated blank at a similar concentration
** Total VOC concentration excludes Acetone & Tetrahydrofuran which were bot identified in an associated blanks at similar concentrations -
SCO = Soil Cleanup Objectives as defined by 6NYCRR Part 375-6.8(a) for unrestricted use and 6NYCRR Part 375-6.8(b) for Restricted Residential Use
NA = Soil Cleanup Objective not available or blank sample not analyzed for metals

| Analyte | CAS | SCO*** Unrestricted | SCO*** Restricted Residential | Lab Sample ID | CO88247 | CO88248 | CO88249 | CO88250 | CO88251 | CO88252 | CO88253 | CO88254 | CO88341 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Collection Date | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 | 8/30/2023 |
| | | | | Client Id | SB-8 (2) | SB-8 (3) | SB-9 (1) | SB-9 (2) | SB-9 (3) | SB-10 (1) | SB-10 (2) | SB-10 (3) | TRIP BLANK LL |
| | | | | Depth Range: | (7.5 - 8.5) | (13 - 14) | (3.0 - 4.0) | (8.5 - 9.5) | (11.5 - 12.5) | (4.0 - 5.0) | (9.0 - 10) | (11 - 12) | |
| | | | | | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Metals, Total** | | | | | | | | | | | | | |
| Arsenic | 7440-38-2 | 13 | 16 | | 2.4 | 3.9 | 2.8 | 3.9 | 3.2 | 4.3 | 3.5 | 3.1 | NA |
| Barium | 7440-39-3 | 350 | 400 | | 23 | 30 | 55 | 35 | 80 | 58 | 42 | 55 | NA |
| Cadmium | 7440-43-9 | 2.5 | 4.3 | | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 | NA |
| Chromium | 7440-47-3 | 30 | 180 | | 7.5 | 10 | 11 | 10 | 12 | 10 | 11 | 12 | NA |
| Lead | 7439-92-1 | 63 | 400 | | 7.0 | 9.7 | 9.0 | 9.3 | 11 | 25 | 9.6 | 13 | NA |
| Mercury | 7439-97-6 | 0.18 | 0.81 | | - | - | - | - | - | 0.02 | - | - | NA |
| **Volatiles By SW8260D** | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | 26 | | 0.003 | - | - | - | - | - | - | - | - |
| Acetone* | 67-64-1 | 0.05 | 100 | | 0.05 | 0.04 | 0.02 | 0.04 | 0.06 | 0.003 | 0.05 | 0.04 | 0.02 |
| Carbon Disulfide | 75-15-0 | NA | 100^ | | - | - | - | - | - | - | 0.002 | - | - |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | 100 | | **0.32** | 0.002 | 0.01 | 0.01 | - | 0.004 | 0.001 | - | - |
| m&p-Xylene | 179601-23-1 | 0.26 | 100 | | 0.001 | - | - | - | - | - | - | - | - |
| Methyl Ethyl Ketone | 78-93-3 | 0.12 | 100 | | 0.005 | - | - | - | 0.01 | 0.01 | 0.02 | 0.01 | - |
| Methylene chloride | 75-09-2 | 0.05 | 100 | | - | - | - | - | - | - | - | - | - |
| Tetrachloroethene | 127-18-4 | 1.30 | 19 | | 0.03 | 0.01 | 0.01 | - | - | - | - | - | - |
| Tetrahydrofuran (THF)* | 109-99-9 | NA | NA | | 0.004 | 0.01 | 0.01 | 0.01 | 0.01 | 0.005 | 0.01 | 0.01 | 0.01 |
| Toluene | 108-88-3 | 0.70 | 100 | | - | - | - | - | - | - | 0.001 | - | - |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | 100 | | 0.005 | - | - | - | - | - | - | - | - |
| Trichloroethene | 79-01-6 | 0.47 | 21 | | 0.05 | 0.01 | 0.01 | - | - | 0.001 | - | - | - |
| Vinyl chloride | 75-01-4 | 0.02 | 0.9 | | **0.04** | 0.001 | - | - | 0.002 | - | - | - | - |
| | | | | **Total VOCs**:** | 0.456 | 0.019 | 0.023 | 0.007 | 0.015 | 0.012 | 0.019 | 0.011 | - |
| **Semivolatiles By SW8270D** | | | | | - | - | - | - | - | - | - | - | - |

Notes:
All concentrations presented in milligrams per kilogram (mg/Kg)
CAS = Chemical Abstract Service compound identifier
* Compound detected in an associated blank at a similar concentration
** Total VOC concentration excludes Acetone & Tetrahydrofuran which were bot identified in an associated blanks at similar concentrations
SCO = Soil Cleanup Objectives as defined by 6NYCRR Part 375-6.8(a) for unrestricted use and 6NYCRR Part 375-6.8(b) for Restricted Residential Use
NA = Soil Cleanup Objective not available or blank sample not analyzed for metals

Summary of Compounds Identified in Soil Samples
Community Manufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

| Analyte | CAS | SCO*** Unrestricted | SCO*** Restricted Residential | Lab Sample ID | CO88342 | CO88787 | CO88788 | CO88789 | CO88790 | CO88791 | CO88792 | CO88793 | CO88794 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Collection Date | 8/30/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 |
| | | | | Client Id | TRIP BLANK HL | SB-12 (1) | SB-12 (2) | SB-12 (3) | SB-13 (1) | SB-13 (2) | SB-13 (3) | SB-13 (4) | SB-14 (1) |
| | | | | Depth Range: | | (3.5 - 4.5) | (6.5 - 7.5) | (13 - 14) | (4.0 - 5.0) | (6.0 - 6.5) | (8.5 - 9.5) | (16 - 17) | (4.0 - 5.0) |
| | | | | | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Metals, Total** | | | | | | | | | | | | | |
| Arsenic | 7440-38-2 | 13 | 16 | | NA | 7.4 | 3.1 | 4.0 | 5.5 | 7.0 | 7.5 | 7.1 | 4.9 |
| Barium | 7440-39-3 | 350 | 400 | | NA | 71 | 40 | 46 | 40 | 47 | 96 | 101 | 87 |
| Cadmium | 7440-43-9 | 2.5 | 4.3 | | NA | 1.0 | 0.8 | 1.2 | 1.0 | 1.2 | 1.6 | 1.5 | 1.5 |
| Chromium | 7440-47-3 | 30 | 180 | | NA | 11 | 8.6 | 14 | 11 | 13 | 20 | 20 | 20 |
| Lead | 7439-92-1 | 63 | 400 | | NA | 28 | 17 | 10 | 18 | 13 | 19 | 15 | 14 |
| Mercury | 7439-97-6 | 0.18 | 0.81 | | NA | - | - | - | - | - | - | - | - |
| **Volatiles By SW8260D** | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | 26 | | - | - | - | - | - | - | - | - | - |
| Acetone* | 67-64-1 | 0.05 | 100 | | - | - | 0.05 | - | - | - | - | - | - |
| Carbon Disulfide | 75-15-0 | NA | 100* | | - | - | - | - | - | - | - | - | - |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | 100 | | - | 0.004 | - | - | - | - | - | 0.01 | - |
| m&p-Xylene | 179601-23-1 | 0.26 | 100 | | - | - | - | - | - | - | - | - | - |
| Methyl Ethyl Ketone | 78-93-3 | 0.12 | 100 | | - | - | - | - | - | - | - | - | - |
| Methylene chloride | 75-09-2 | 0.05 | 100 | | - | - | - | - | - | - | - | - | - |
| Tetrachloroethene | 127-18-4 | 1.30 | 19 | | - | 0.68 | - | - | - | - | - | **3.70** | - |
| Tetrahydrofuran (THF)* | 109-99-9 | NA | NA | | - | - | - | - | - | - | - | - | - |
| Toluene | 108-88-3 | 0.70 | 100 | | - | - | - | - | - | - | - | - | - |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | 100 | | - | - | - | - | - | - | - | - | - |
| Trichloroethene | 79-01-6 | 0.47 | 21 | | - | 0.04 | - | - | - | - | - | **1.10** | - |
| Vinyl chloride | 75-01-4 | 0.02 | 0.9 | | - | - | - | - | - | - | - | - | - |
| | | | | **Total VOCs**:** | - | 0.726 | - | - | - | - | - | 4.811 | - |
| **Semivolatiles By SW8270D** | | | | | - | - | - | - | - | - | - | - | - |

Notes:
All concentrations presented in milligrams per kilogram (mg/Kg)
CAS = Chemical Abstract Service compound identifier
* Compound detected in an associated blank at a similar concentration
** Total VOC concentration excludes Acetone & Tetrahydrofuran which were bot identified in an associated blanks at similar concentrations
SCO = Soil Cleanup Objectives as defined by 6NYCRR Part 375-6.8(a) for unrestricted use and 6NYCRR Part 375-6.8(b) for Restricted Residential Use
NA = Soil Cleanup Objective not available or blank sample not analyzed for metals

| Analyte | CAS | SCO*** Unrestricted | SCO*** Restricted Residential | Lab Sample ID | CO88795 | CO88796 | CO88798 | CO88799 | CO88800 | CO88801 | CO88802 | CO88803 | CO89255 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Collection Date | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/31/2023 | 8/30/2023 |
| | | | | Client Id | SB-14 (2) | SB-14 (3) | SB-7 (1) | SB-7 (2) | SB-7 (3) | SB-11 (1) | SB-11 (2) | SB-11 (3) | TB LL |
| | | | | Depth Range: | (6.0 - 7.0) | (8.0 - 9.0) | (4.0 - 5.0) | (6.0 - 7.0) | (9.0 - 10) | (4.0 - 5.0) | (7.0 - 8.0) | (14 - 15) | |
| | | | | | Result | Result | Result | Result | Result | Result | Result | Result | Result |
| **Metals, Total** | | | | | | | | | | | | | |
| Arsenic | 7440-38-2 | 13 | 16 | | 5.2 | 3.6 | 2.7 | 3.9 | 2.7 | 7.6 | 4.8 | 3.1 | NA |
| Barium | 7440-39-3 | 350 | 400 | | 61 | 48 | 32 | 40 | 41 | 40 | 43 | 81 | NA |
| Cadmium | 7440-43-9 | 2.5 | 4.3 | | 1.2 | 1.1 | 0.9 | - | - | - | - | - | NA |
| Chromium | 7440-47-3 | 30 | 180 | | 15 | 12 | 9.2 | 8.9 | 9.8 | 11 | 11 | 13 | NA |
| Lead | 7439-92-1 | 63 | 400 | | 13 | 11 | 8.6 | 20 | 8.6 | 11 | 10 | 5.7 | NA |
| Mercury | 7439-97-6 | 0.18 | 0.81 | | - | - | - | - | - | - | - | - | NA |
| **Volatiles By SW8260D** | | | | | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | 0.33 | 26 | | - | - | - | - | - | - | - | - | - |
| Acetone* | 67-64-1 | 0.05 | 100 | | 0.03 | - | - | 0.06 | - | 0.04 | - | 0.03 | - |
| Carbon Disulfide | 75-15-0 | NA | 100* | | - | - | - | - | - | - | - | - | - |
| cis-1,2-Dichloroethene | 156-59-2 | 0.25 | 100 | | - | - | - | - | - | **1.30** | **1.40** | - | - |
| m&p-Xylene | 179601-23-1 | 0.26 | 100 | | - | - | - | - | - | - | - | - | - |
| Methyl Ethyl Ketone | 78-93-3 | 0.12 | 100 | | - | - | - | - | - | - | - | - | - |
| Methylene chloride | 75-09-2 | 0.05 | 100 | | 0.02 | - | - | - | - | - | - | - | - |
| Tetrachloroethene | 127-18-4 | 1.30 | 19 | | - | 0.01 | - | - | - | 0.12 | **17** | - | - |
| Tetrahydrofuran (THF)* | 109-99-9 | NA | NA | | - | - | - | - | - | - | - | - | - |
| Toluene | 108-88-3 | 0.70 | 100 | | - | - | - | - | - | - | - | - | - |
| trans-1,2-Dichloroethene | 156-60-5 | 0.19 | 100 | | - | - | - | - | - | 0.03 | - | - | - |
| Trichloroethene | 79-01-6 | 0.47 | 21 | | - | - | - | - | - | **1.80** | **14** | - | - |
| Vinyl chloride | 75-01-4 | 0.02 | 0.9 | | - | - | - | - | - | - | - | - | - |
| | | | | **Total VOCs**:** | 0.023 | 0.007 | - | - | - | 3.249 | 32.4 | - | - |
| **Semivolatiles By SW8270D** | | | | | - | - | - | - | - | - | - | - | - |

Notes:
All concentrations presented in milligrams per kilogram (mg/Kg)
CAS = Chemical Abstract Service compound identifier
* Compound detected in an associated blank at a similar concentration
** Total VOC concentration excludes Acetone & Tetrahydrofuran which were bot identified in an associated blanks at similar concentrations
SCO = Soil Cleanup Objectives as defined by 6NYCRR Part 375-6.8(a) for unrestricted use and 6NYCRR Part 375-6.8(b) for Restricted Residential Use
NA = Soil Cleanup Objective not available or blank sample not analyzed for metals

Summary of Compounds Identified in Groundwater Samples
Community Manufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

| Analyte | CAS | Units | Class GA GW Standard | Lab Sample Id | CP39258 | CP39259 | CP39260 | CP39261 | CP39262 | CP39263 | CP39264 | CP39331 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Collection Date | 10/30/2023 | 10/30/2023 | 10/30/2023 | 10/30/2023 | 10/30/2023 | 10/30/2023 | 10/30/2023 | 10/30/2023 |
| | | | | Client Id | MW-2 | MW-3 | MW-4 | MW-1 | MW-5 | MW-6 | BLIND DUP | TB |
| | | | | Matrix | GW | GW | GW | GW | GW | GW | GW | GW |
| | | | | | Result | Result | Result | Result | Result | Result | Result | Result |
| **Metals, Total** | | | | | | | | | | | | |
| Arsenic | 7440-38-2 | mg/L | 0.025 | | - | - | - | - | 0.009 | - | - | NA |
| Barium | 7440-39-3 | mg/L | 1.000 | | 0.024 | 0.041 | 0.027 | 0.019 | 0.014 | 0.097 | 0.024 | NA |
| Chromium | 7440-47-3 | mg/L | 0.050 | | 0.01 | 0.011 | 0.009 | 0.008 | - | 0.009 | 0.008 | NA |
| **Volatiles By SW8260D** | | | | | | | | | | | | |
| 1,1-Dichloroethene | 75-35-4 | ug/L | 5.0 | | - | - | - | - | - | **6.0** | - | - |
| Acetone | 67-64-1 | ug/L | 50 | | - | - | - | - | - | - | - | - |
| Carbon Disulfide | 75-15-0 | ug/L | NA | | - | - | - | - | - | - | - | - |
| cis-1,2-Dichloroethene | 156-59-2 | ug/L | 5.0 | | **89** | - | 1.0 | - | 4.5 | **520** | **87** | - |
| m&p-Xylene | 179601-23-1 | ug/L | 5.0 | | - | - | - | - | - | - | - | - |
| Methyl ethyl ketone | 78-93-3 | ug/L | 50 (GV) | | - | - | - | - | - | - | - | - |
| Methylene chloride | 75-09-2 | ug/L | 5.0 | | - | - | - | - | - | - | - | - |
| Tetrachloroethene | 127-18-4 | ug/L | 5.0 | | **310** | **29** | 1.6 | - | **5.5** | **300** | **300** | - |
| Tetrahydrofuran (THF) | 109-99-9 | ug/L | 50 (GV) | | - | - | - | - | - | - | - | - |
| Toluene | 108-88-3 | ug/L | 5.0 | | - | - | - | - | - | - | - | - |
| trans-1,2-Dichloroethene | 156-60-5 | ug/L | 5.0 | | - | - | - | - | - | **15** | - | - |
| Trichloroethene | 79-01-6 | ug/L | 5.0 | | **67** | - | - | - | 1.6 | **1,000** | **68** | - |
| Vinyl chloride | 75-01-4 | ug/L | 2.0 | | - | - | - | - | 1.2 | **60** | - | - |
| | | | **Total VOCs:** | | 466 | 29 | 2.6 | | 13 | 1,901 | 455 | |
| **Semivolatiles (SIM) By SW8270D (SIM)** | | | | | | | | | | | | |
| Benz(a)anthracene | 56-55-3 | ug/L | 0.002 | | **0.13** | **0.11** | **0.13** | **0.12** | **0.16** | **0.12** | **0.10** | NA |
| Benzo(a)pyrene | 50-32-8 | ug/L | ND | | **0.09** | **0.09** | **0.10** | **0.09** | **0.10** | **0.08** | **0.08** | NA |
| Benzo(b)fluoranthene | 205-99-2 | ug/L | 0.002 | | **0.26** | **0.25** | **0.28** | **0.25** | **0.30** | **0.25** | **0.24** | NA |
| Benzo(k)fluoranthene | 207-08-9 | ug/L | 0.002 | | **0.19** | **0.18** | **0.19** | **0.18** | **0.21** | **0.17** | **0.16** | NA |
| Chrysene | 218-01-9 | ug/L | 0.002 | | **0.12** | **0.12** | **0.13** | **0.11** | **0.15** | **0.11** | **0.10** | NA |
| Indeno(1,2,3-cd)pyrene | 193-39-5 | ug/L | 0.002 | | **0.19** | **0.19** | **0.20** | **0.20** | **0.20** | **0.19** | **0.19** | NA |
| **PFAS (40) by Draft 1633 By EPA 1633 Draft 3** | | | | | | | | | | | | |
| Perfluorohexanoic acid (PFHxA) | 307-24-4 | ng/L | NS | | NA | NA | NA | NA | 0.656 | NA | NA | NA |
| Perfluoro-n-butanoic acid (PFBA) | 375-22-4 | ng/L | NS | | NA | NA | NA | NA | 0.967 | NA | NA | NA |
| Perfluorooctanesulfonic Acid (PFOS) | 1763-23-1 | ng/L | 10 | | NA | NA | NA | NA | 2.73 | NA | NA | NA |
| Perfluorooctanoic acid (PFOA) | 335-67-1 | ng/L | 10 | | NA | NA | NA | NA | 0.851 | NA | NA | NA |

Notes:
Concentrations in units indicated
Concentrations in **bold** indicate an exceedance of the Class GA groundwater standard or guidance value (GV)
Groundwater standards/guidance values per NYSDEC Technical and Operational Guidance Series (TOGS) Memorandum 1.1.1 (October, 1993 as ammended)
VOCs listed herin were also identified in at least one (1) soil sample.
NA - this analyte not analyzed in blank sample
NS = No standard established for this compound

Summary of Compounds Identified in Soil Vapor Samples
Community Manyufacturing Solutions, LLC
115 Broadway
Port Ewen, Town of Esopus
Ulster County, New York

| Analyte | Lab Sample Id | CP39267 | CP39268 | CP39269 |
|---|---|---|---|---|
| | Collection Date | 10/30/2023 | 10/30/2023 | 10/30/2023 |
| | Client Id | OPEN AIR | SV-4 | SV-2 |
| | Matrix | Air | Air | Air |
| **Volatiles (TO15) By TO15** | CAS | Result | Result | Result |
| 1,1,1-Trichloroethane | 71-55-6 | - | 2.16 | - |
| 1,2,4-Trimethylbenzene | 95-63-6 | - | 1.12 | 1.29 |
| 4-Ethyltoluene | 622-96-8 | - | - | 1.11 |
| 4-Methyl-2-pentanone(MIBK) | 108-10-1 | - | - | 1.01 |
| Acetone | 67-64-1 | 9.21 | 32.3 | 38.5 |
| Benzene | 71-43-2 | - | - | 1.71 |
| Carbon Tetrachloride | 56-23-5 | 0.45 | 0.26 | 0.38 |
| Chloroform | 67-66-3 | - | - | 1.91 |
| Chloromethane | 74-87-3 | 1.21 | - | - |
| Cis-1,2-Dichloroethene | 156-59-2 | - | - | 1.92 |
| Dichlorodifluoromethane | 75-71-8 | 2.34 | 2.11 | 1.91 |
| Ethanol | 64-17-5 | 12.3 | 12.4 | 72.9 |
| Isopropyl alcohol* | 67-63-0 | 62.6 | 332 | 631 |
| m,p-Xylene | 179601-23-1 | - | 1.48 | 2.12 |
| Methyl Ethyl Ketone | 78-93-3 | - | 2.14 | 4.54 |
| Propylene | 115-07-1 | - | - | 1.1 |
| Tetrachloroethene | 127-18-4 | 0.51 | 96.9 | 42.2 |
| Trichloroethene | 79-01-6 | - | 0.28 | 23.3 |
| Trichlorofluoromethane | 75-69-4 | 1.16 | 1.01 | 1.35 |

**Notes:**

Concentrations in micrograms per cubic meter ($ug/m^3$)

"OPEN AIR" sample = Outside Air

CAS = Chemical Abstract Service

- indicates that this compound was not detected in that sample

* isopropyl alchohol was used in lieu of helium to check integrity of soil vapor point.