

C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

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June 26, 2025

Emily Barry, P.G., Assistant Geologist
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 3
21 South Putt Corners Road
New Paltz, New York 12561-1620
Via Email: emily.barry@dec.ny.gov

Re: *Corrective Measures Summary Report*
 61 Water Street, Village of Ossining, Westchester County, New York
 Hudson Wire Mill Brownfield Cleanup Program Site
 BCP Site ID: C360065; C.T. Male Project No.: 21.1622

Dear Ms. Barry:

C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male), on behalf of The Wire Mill LLC (Owner), has prepared this Corrective Measures Summary Engineering Report (Report) to document the completed implementation of the NYSDEC-approved Corrective Measures Work Plan (CMWP) and supplemental testing that was deemed appropriate based on the findings of sampling that occurred on December 16, 2024 for the above-referenced site.

The CMWP was prepared to further investigate an exceedance in indoor air quality in a sample collected on January 30, 2024, at 61 Water Street that was observed as part of the routine Periodic Review Reporting (PRR) process proscribed by the Site Management Plan (SMP) for this building. Even though up to this point, there had been no exceedances of an action level at 61 Water Street building, upon closer inspection of the facility, cracks were observed in the concrete slab and there were some concerns that the cracks could present a vapor intrusion pathway. Additional concerns were raised by the tenant of the building, Mirage Mirror and Glass (Mirage), which had hired a consultant who reportedly observed high vapor reading in one of these cracks.

Even though floor cracks existed inside the building, no exceedance had been previously observed. Upon obtaining the data regarding the exceedance, the Owner reacted immediately and authorized C.T. Male to develop a Corrective Measures Work Plan (CMWP) to address the potential source of this possible indoor air quality issue. The CMWP was submitted in April 2024 and revised on June 19, 2024, and approved by NYSDEC on June 26, 2024.

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The corrective measures outlined in the CMWP consisted of:

- Sealing of Cracks;
- Installation of Temporary Air Purifiers;
- Preparation of a Detailed Chemical Inventory;
- Assessment of the Sub-Slab Depressurization System (SSDS); and
- Performing a Soil Vapor Intrusion (SVI) Evaluation

Timeline of Events

Below is a timeline which documents and itemizes all site visits, sampling events, and occurrences related to the Corrective Measures implemented at 61 Water Street (Table 1). Key findings or actions are documented in the third column.

Table 1: Timeline of Events Associated with 61 Water Street Corrective Measures		
Date	Event	Description
01/31/2024	2024 Annual Air Sampling Event	2024 annual air sampling event: documented an exceedance of trichloroethylene in indoor air.
02/29/2024	Preliminary Exceedance Investigation	Indoor Air exceedance investigated, product inventory initial documentation, SSDS evaluation.
04/17/2024	Corrective Measures Work Plan (first draft)	First draft prepared; included chemical inventory, inspection for cracks, evaluation of SSDS and resampling
04/23/2024	Groundwater Sampling	Annual Groundwater Sampling for 61 and 62 Water Street.
04/24/2024	Slab Crack Inspection	61 Water Street slab cracks inspected, measured, and documented.
05/15/2024	Sealing of Cracks	Sealing of cracks as accessible in warehouse area.
05/16/2024	Sealing of Cracks and on-site DEC Meeting	Continued sealing of cracks as accessible in warehouse area. On-site meeting with NYSDEC, C.T. Male Staff, Wire Mill LLC, and 61 Water Street Tenants.
05/29/2024	Air Purifiers and Sealing of Cracks	Installation of air units, documentation of sealed cracks, and meeting with 61 Water Street Tenants.
06/06/2024	Sealing of Cracks	Retouching of cracks and sealing of previously inaccessible cracks.

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06/19/2024	Revised CMWP Submitted	Responds to NYSDEC/NYSDOH comments
06/26/2024	NYSDEC/NYSDOH Approval of CMWP	CMWP deemed acceptable
06/28/2024	Vapor Intrusion Mitigation System Evaluation (SSDS)	Sub slab pressure differential measurements taken to evaluate pressure field induced by the existing mitigation system.
07/19/2024	Vapor Pin Installation	Vapor pins installed to facilitate sub-slab soil vapor samples.
07/22/2024	Vapor Pin Sampling Event	Sub-slab soil vapor and collocated indoor air sampling event
07/22/2024	Second Detailed Product Inventory	Detailed product inventory associated with July sub-slab vapor and indoor air sampling event.
08/13/2024	SSDS Inspection	Engineer SSDS Inspection
08/15/2024	SSDS Signage Posting	SSDS Do Not Disturb Signage Posted
10/25/2024	SSDS Upgrade and On-Site Meeting	On-Site meeting with Wire Mill LLC, 61 Water Street Tenant, and C.T. Male to discuss SSDS Installation
10/31/2024	SSDS Installation Site Walkthrough	Site Walkthrough with Wire Mill LLC, 61 Water Street Tenant and C.T. Male
11/04/2024 - 11/06/2024	SSDS Installation Upgrades	Installation of SSDS improvements/upgrades
11/11/2024 and 11/15/2024	SSDS Inspection	Engineer SSDS Inspection and Testing Completed
12/13/2024	Indoor Air Sampling Event	Ventilation of 61 Water Street Space prior to Indoor Air Sampling
12/16/2024	Indoor Air Sampling Event	Indoor Air Sampling was completed to test the efficacy of the SSDS Upgrades
12/16/2024	Third Detailed Product Inventory	Detailed product inventory associated with December 2024 indoor air sampling event.
02/26/2025	Groundwater Well and Soil Vapor Well Installation	Installation of new soil vapor wells and replacement groundwater monitoring well.
02/28/2025	Tenant Vacates Property	Tenant vacates property and removes all chemical products and equipment by this point.

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03/06/2025	Groundwater Sampling Event	Sampling of select groundwater wells for Supplemental Investigation Work Plan.
03/07/2025	Air Sampling Event	Soil vapor, sub-slab vapor, and indoor air sampling event for Supplemental Investigation Work Plan.
03/27/2025	Sealing of Cracks	Sealing of cracks exposed by tenant vacating space.

Project Background

A trichloroethylene (TCE) concentration (sample identification IA-6) in indoor air at the 61 Water Street Building exceeded its Air Guideline Value (AGV) established by the NYSDOH during the January 2024 annual sampling event. This sampling event was required under the NYS Brownfield Cleanup Program (BCP) Site Management Plan (SMP) dated December 2010 for the Hudson Wire Mill BCP site, of which 61 Water Street is part of, inclusive of subsequent SMP modifications. No exceedances of AGVs were documented in previous sampling events at this building. A Sampling Location Map – January 2024 is provided in Attachment A, Maps and Plans.

To ensure that the results from this sampling event could be relied upon, the indoor air laboratory results were validated in March 2024 by Environmental Data Services, Inc., a third-party validator and summarized in a Data Usability Summary Report (DUSR). The laboratory results were determined to be acceptable with no rejections. C.T. Male returned to the Site in February 2024 to evaluate potential causes of the AGV indoor air exceedance, document inventory products and processes performed at the Site, and evaluate the performance of the existing sub-slab depressurization system (SSDS).

During the Site visit the following observations were made:

- The 61 Water Street Building was occupied by Mirage Mirror and Glass, a contractor who performed glass cutting, glass polishing and custom cutting and assembly of specialty glass units.
- Two (2) chemical storage areas associated with Mirage's operations were identified in the 61 Water Street Building, one located in the southwestern corner of the building, and one located in the northeast portion of the building.
- Multiple chemicals containers (paints, thinners, solvent, etc.) ranging in size from 12 ounce to 1-gallon containers were observed to be stored in each of the chemical storage areas at the 61 Water Street Building. The open and unlabeled containers were screened with a photo-ionization detector (PID). Some of the containers were filled

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with chemicals that caused elevated PID reading (more than 1,500 parts per million (PPM)). The chemical inventory is contained in Attachment D.

- Several significant cracks were observed in the concrete slab at 61 Water Street.

Evaluation of the Operational Status of the SSDS – February 2024

Historically, the 61 Water Street building is located down-gradient from a historic source of chlorinated solvents, which prompted the installation of a Sub-Slab Depressurization System (SSDS) beneath the floor of the building at 61 Water Street. The source of the CVOCs was mitigated using removal and anaerobic bioremediation beneath the portion of 62 Water Street that was used for manufacturing. Groundwater flow mapping determined that the CVOCs in groundwater were migrating towards the Hudson River, which is due west from 61 and 62 Water Street buildings.

An active vapor intrusion mitigation system was installed in 2004 and operated at the 61 Water Street Building. The SSDS was initially installed to provide partial coverage of the building in the vicinity of the office area located at 61 Water Street because this was where there would be more potential exposure to the occupants of the facility. Initial installation consisted of two vapor collection vaults (gravel filled pits) located on the east side of the building to intercept vapors that would migrate from the suspected source area (62 Water Street). The SSDS was upgraded in 2010 to include installation of perforated piping in trenches and pits excavated below the slab. The perforated piping was connected to solid piping above the slab. Inline centrifugal fans are used to create a negative pressure gradient below the slab and to vent vapors outdoors. The initial installation and the 2010 upgrades were approved by the NYSDEC and NYSDOH.

The U-manometer reading for this system (located in the riser pipe) before the 2024 upgrades were performed was approximately 0.8 inches of water column (in. w.c.), which is indicative of vacuum being generated by the in-line fan. The U-manometer readings recorded during the site visit on 02/29/2024 was 0.8 in. w.c., which indicated that the system was operating. No damage was observed in the visible piping of the SSDS. An Engineering Control Inspection Form for the February 2024 Site visit is provided in Attachment B. The as-built plans of the SSDSs (61 and 62 Water Street buildings), prepared by Fuss & O'Neill and dated December 2010, are provided in Attachment A, Maps and Plans.

Sealing of the Cracks

During the follow-up inspection of the facility in February of 2024, a detailed map was created of the readily visible and accessible floor cracks. Since the readily available evidence

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indicated that the SSDS was performing as designed, it was recommended that the floor cracks be sealed to reduce the potential for the cracks to be a migration pathway into the working space. This work preceded future testing to rule the floor cracks out as one possible point of entry for the TCE vapors observed in the working space of the building (as noted in detail below the more likely source of TCE vapors was chemicals used by the tenant in the process of creating and finishing glass products). Therefore, C.T. Male proposed a plan to the NYSDEC and NYSDOH for sealing the cracks, including cleaning and scouring the cracks of dirt and debris to increase sealant adhesion to the sidewalls of the cracks.

Sealing the cracks took place in multiple stages. The cracks were initially filled in on May 15th and 16th, 2024 with some subsequent retouching of cracks and resealing where settlement was subsequently observed. Based on observations, the cracks in both the work area and the office area were filled in general conformance with the approved CMWP. Photographs documenting the sealing of the cracks are presented in Attachment C.

To ensure that there were no obvious future points of ingress for sub-slab vapors, the previously inaccessible cracks located beneath the carpet in the office area and those that were in existence beneath machinery, were sealed in March and April of 2025, after Mirage vacated the facility in March 2025 making these areas accessible. Sealing of cracks that were previously inaccessible due to the presence of shelving, materials, office carpeting and/or equipment occurred on March 27th, 2025, with some retouching in April, 2025.

Air Purifiers

The NYSDOH required air purifiers as a precautionary measure, and to be proactive, the Owner agreed to install multiple air purifying systems as a temporary measure for the office space as was recommended by the NYSDEC and NYSDOH on May 15, 2024. Three (3) air purifiers, model "AirMedic Pro 6 Ultra Vocab," were selected, one for each of the three (3) "rooms" within the office area. This air purifier model contains a prefilter, a HEPA filter for particle control and carbon bed filter for the absorption of chemicals. C.T. Male prepared and submitted a letter to the Department dated May 24, 2024 documenting the selection of the air purifier units. C.T. Male was on-site on May 29, 2024 to observe and set up the installation of the air purifiers. The air purifiers were sized to cycle the full volume of air once an hour in each office space. The air purifiers were operated continuously from May 2024 installation until Mirage vacated the building in March 2025. Photographs documenting the installation of the air purifiers are presented in Attachment C.

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Chemical Inventory

During the site visit with NYSDEC on May 16, 2024, NYSDEC requested C.T. Male to prepare a detailed chemical inventory of the products present in the obvious chemical storage areas identified throughout the 61 Water Street Building. The detailed chemical inventory is presented as Attachment D.

Trichloroethylene (TCE) was the compound that exceeded the AGV. At least three (3) products (brand/company in parenthesis) were identified as containing TCE or PCE-derived compounds as follows:

- S209 Aerosol Mirror Edge Sealant (CR Laurence Co.),
- Solvent Cleaner & Degreaser (CR Laurence Co.), and
- Spray Mount Artist's Adhesive (3M).

Furthermore, eight (8) additional products were identified, for which ingredients could not be determined due to the poor quality of the label because of age or container condition, or proprietary information not identified in the label. C.T. Male researched these additional eight (8) products via readily available online sources and contacted manufacturers, as warranted. No other information was readily available regarding these products.

During the May 16 site visit, Mirage staff indicated that containers of chemical products and paints were moved sometime prior to this site visit. This statement is consistent with C.T. Male's observations from the February, April and May 2024 site visits. At the April 2024 site visit, the numbers of containers in the two (2) main chemical storage areas appeared to be less than those observed during the February 2024 site visit. Photographs of the northeastern shelving area during the February and May 2024 site visits area are provided in Attachment C.

SSDS Evaluation

OBAR Systems Inc. (OBAR), under the observation of C.T. Male, performed an evaluation of the SSDS at the 61 Water Street Building on June 28, 2024. The methodology and findings of the evaluation are documented in a report entitled Vapor Intrusion Mitigation System Evaluation (VIMS Evaluation) dated July 11, 2024 by OBAR, which is provided as Attachment E to this report. The VIMS Evaluation indicates that "[a]n approximate Radius of Influence (ROI) of 20 feet was observed with the exception of near the drain system west of the trench on the north end of the building (near T-4, T-14). Additionally, the radius of influence at the suction points appeared to be better towards the office area." Upon review

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of the findings, the decision was made to upgrade the coverage beneath the sub-slab in accordance with recommendations provided in the VIMS report (Attachment E). The upgrades were installed by OBAR under the observation of C.T. Male from November 4, 2024 through November 6, 2024, all with NYSDEC and NYSDOH approval. Following the November 2024 SSDS upgrade, the system was tested to evaluate the improvements associated with the upgrades. Testing revealed that there is now 100 percent coverage from the SSDS system beneath 61 Water Street. The findings of our testing are summarized in Attachment F.

Soil Vapor Intrusion Potential Evaluation

The Soil Vapor Intrusion (SVI) Evaluation consisted of the following elements: (1) conducting concurrent indoor and outdoor air, and sub-slab soil vapor sampling to obtain analytical laboratory data to compare to the appropriate guidance; (2) performing a building evaluation, inclusive of detailed product inventories to determine potential on-site indoor sources or other elements that could influence the results of the sampling.

July 2024 Ambient Air/ Soil Vapor Sampling – Narrative and Methodology

The first ambient air/soil vapor sampling event was conducted on July 19 and 22, 2024, by C.T. Male. Vapor Pin® sampling devices were installed at each of five (5) sampling locations agreed upon by C.T. Male and Mirage.¹ A Sampling Location Map – June 2024 is provided in Attachment A, Maps and Plans.

Sampling was performed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) with updates (SVI Guidance). Prior to sample collection, the following actions were implemented and/or confirmed in order to minimize the possible influence of potential indoor air contaminant sources on the sampling event:

¹ It is noted that three (3) of the sub-slab sampling locations (SS-3/IA-3, SS-4/IA-4, SS-5/IA-5) were relocated within 3 meters of original proposed locations. SS-3/IA-3 was relocated at the request of the tenant to safely access large glass panels stored in the southeast portion of the site. SS-4/IA-4 was relocated to the central portion of the office to obtain a more representative sample and avoid drilling into bathroom tile. SS-5/IA-5 was relocated by C.T. Male to avoid potential underground utilities in this area. Concurrent indoor (IA-1, IA-2, IA-3, IA-4, and IA-5) and outdoor air (OA-1 and OA-2) along with sub-slab soil vapor samples (SS-1, SS-2, SS-3, SS-4, and SS-5) were collected on July 22, 2024. It is noted that sampling location OA-2 was relocated based on the prevailing wind direction.

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- HVACs units (air conditioner in the office area) were turned off for the duration of the sampling event.
- Curing time greater than a month (from June 6 to July 22, 2024) for the sealed/repared cracks was provided.
- C.T. Male provided a list of products to the tenant, documented to be present during the May 16 site visit (see prior section of the Report pertaining to the Chemical Inventory), for removal prior to the sampling event. Additional details on this action are provided in a subsequent section of this Report.
- Overheads doors of the building remained open on July 19, 2024 (approximately 8 hours) to assist in air circulation following the removal of products.
- C.T. Male turned off the SSDS and air purifiers at the end of the day on July 19, 2024.
- It is our understanding that the building remained closed from the end of the day on July 19, 2024, to the morning of July 22, 2024 (a period greater than 48 hours).
- Sample collection was initiated on July 22, 2024.
- The SSDS and air purifiers remained off for the duration of the sampling event.
- C.T. Male turned on the SSDS and air purifiers following sample collection (evening of July 22, 2024).
- Mirage and Mirror Glass remained closed on July 22, 2024, which meant that the use of miscellaneous chemical products during the sampling period did not occur to the best of our knowledge. It was mentioned that some work occurred inside the facility on July 20th or 21st in preparation for product delivery by Mirage.

The new sampling points were installed in accordance with the NYSDEC approved work plan and the NYSDOH Soil Vapor Intrusion Guidance Manual. Samples were also collected in accordance with the NYSDEC and NYSDOH approved work plan, which was developed using the NYSDOH's vapor intrusion guidance document (2006)

Building Survey and Product Inventory

Per DOH Guidance for Evaluating Soil Vapor Intrusion 2.7.3, a detailed product inventory was completed on July 22, 2024. On July 16, 2024, the 61 Water Street tenant was provided with a list of products titled "Product Inventory Summary; Products Containing PCE, TCE, or Unknowns" (Product Inventory Summary), presented as Attachment G. This summary includes products containing PCE/TCE derived compounds (the AGVs were related to these products) and products without readily available proprietary information. The 61 Water Street tenant was instructed to remove the products listed in the Product Inventory Summary. Upon inspection, of the eleven (11) products listed on the Product Inventory Summary, seven (7) products (brand/company in parenthesis) were removed from the site interior by 61 Water Street tenant and placed in exterior storage: S209 Aerosol Mirror Edge

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Sealant (CRL), Solvent Cleaner and Degreaser (CRL), Fabulous B'laster Penetrating Catalyst (B'LASTER Corporation), Upol Custom Can (Upol), Custom Spray Paint Color Flat Gray (unknown), Custom Spray Paint Atlas Yellow (unknown), and Factory colored Piedmont Gray paint can (Glass Paint Technology / GPT). 61 Water Street tenant staff indicated that the Contractor Grade Glazing Compound (Wonder Putty) was likely depleted, and that S209 Aerosol Mirror Edge Sealant (CRL) & Spray Mount Artists Adhesive (3M) spray cans were discarded. It should be noted that a can of S209 Aerosol Mirror Edge Sealant (CRL) was observed and photographed in the exterior storage. The Gum Spirits of Turpentine (E-Z) and the Firenzecolor Venetian Plaster (Firenzecolor) were not observed indoors or outdoors. To the best of our knowledge, Mirage did not discontinue use of these products; they only moved the storage location from inside the building to outside the building

A large shipment of CRL products (all sealed in boxes) was present in the northern portion of the workshop, near sampling location 2. The 61 Water Street tenant informed C.T. Male that the shipment exclusively contained hardware, and no chemical products; however, this was not verified. By now the relationship between C.T. Male staff and Mirage personnel was strained and cooperation was not happening.

The detailed product inventory of the interior completed on July 22, 2024, is presented as Attachment G. Zero (0) products were identified as containing TCE or PCE-derived compounds. Eight (8) additional products were identified, for which ingredients could not be determined due to the poor quality of the label as a result of age or container condition, or proprietary information not identified in the label. C.T. Male further researched these additional eight (8) products via readily available online sources and contacting manufacturers, as warranted. Of the eight (8) products, four (4) were placed in exterior storage as a precaution based on prior knowledge of these products. As an additional precaution, four (4) containers of Wonder Putty Contractor Glazing Compound and two (2) buckets of 'Firenzecolor'² found on site were placed in exterior storage. No other information was readily available regarding these products.

Quality Assurance/Quality Control

A blind field duplicate (FD01) was collected and analyzed. For quality assurance, a Helium tracer gas was used for leak testing at each sub-slab sampling location to document that ambient air was not infiltrating. This leak checking procedure was done after installation of each probe, before and immediately following sampling.

² The Firenzecolor buckets observed on 7/22/2024 were not present during the 5/16/2024 product inventory. The Firenzecolor bucket noted on the Product Inventory Summary is a different product from the same manufacturer.

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The laboratory provided the analytical results in NYSDEC ASP Category B Data Deliverable format for subsequent third-party data validation. Data validation was performed in accordance with the USEPA National and Regional Validation Guidelines/Procedures to determine the applicable qualifications of the data. The validator prepared a DUSR for the samples in accordance with NYSDEC guidance.

December 2024 Ambient Air Sampling - Narrative and Methodology

An ambient air sampling event was conducted on December 16 and 18, 2024, by C.T. Male to verify the efficacy of the corrective measures implemented throughout 2024. Sampling locations for all indoor and outdoor samples were consistent with those of the July 2024 Sampling Event (IA-1, IA-2, IA-3, IA-4, IA-5, OA-1 and OA-2). A Sampling Location Map - June 2024 is provided in Attachment A, Maps and Plans.

Sampling was performed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) with updates (SVI Guidance). Prior to sample collection, the following actions were implemented and/or confirmed to minimize the possible influence of potential indoor air contaminant sources on the sampling event:

- Overheads doors of the building remained open on December 13, 2024 (from approximately 11:00 until approximately 15:00) to assist in air circulation following the removal of products. It is noted that the 61 Water Street Tenants did not permit full 8-hour air circulation due to colder temperatures.
- The air purifiers were turned off at the end of the day on December 13, 2024, and remained off for the duration of the sampling event. C.T. Male turned on the air purifiers following sample collection (evening of December 16, 2024). It is noted that the SSDS system remained on for the duration of this sampling event, as the purpose was to test the efficacy of the upgraded system and the corollary corrective measures.
- C.T. Male requested that the building remained closed from the end of the day on December 13, 2024 to the morning of December 16, 2024 (a period greater than 48 hours)., However, Mirage indicated that work took place inside of the facility on Saturday December 14, 2024.
- Mirage did no work in the building on December 16, 2024.

Samples were collected in 2.7-liter laboratory (batch) certified Summa® canisters equipped with an 8-hour flow regulator and analyzed for volatile organic compounds (VOCs) per USEPA Method TO-15 by Pace® Analytical Services in accordance with the NYSDEC/NYSDOH approved work plan.

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Building Survey and Product Inventory

Concurrent with the sampling, per DOH Guidance for Evaluating Soil Vapor Intrusion 2.7.3, an additional detailed product inventory was completed on December 16, 2024, presented as Attachment G.

Two (2) products were identified as containing TCE or PCE-derived compounds: CRL S209 Aerosol Mirror Edge Sealant and CRL Solvent Cleaner and Degreaser. Twenty additional products were identified, for which ingredients could not be determined due to the absence of a label, the poor quality of the label as a result of age or container condition, or proprietary information not identified in the label. C.T. Male further researched these additional twenty products via readily available online sources and contacting manufacturers, as warranted.

In association with the December 2024 product inventory, the 61 Water Street warehouse was scanned with a PID³ on December 13, 2024. A total of six (6) products exhibited readings above background levels: Spray Bottle Labeled JR (4.0ppm), Unlabeled Bottle (1800+ ppm), Soap (340+ ppm), Bottle Labeled "A" (183+ ppm), Unlabeled Spray Bottle (123+ ppm), and a container of paint cans beneath the worktable adjacent to the office (3.2 ppm). See the attached photo-log included as Attachment G.

March 2025 Groundwater/Ambient Air/Soil Vapor Sampling – Narrative and Methodology

A follow-up sampling event was conducted on March 6 and 7, 2025 *after* Mirage had vacated the premises. This sampling event was comprehensive and included collection of groundwater samples, the installation of Soil Vapor Collection Points surrounding the building, and sub-slab soil vapor and indoor/outdoor air quality sampling within the building. No product inventory was warranted since there were no chemicals inside the building after Mirage left the premises.

Groundwater monitoring wells SB-30, SB-31B, SB-36B, SB-37, and SB-39 were sampled on March 6, 2025. Indoor air (IA-1, IA-2, IA-3, IA-4, and IA-5), outdoor air (OA-1 and OA-2), sub-slab soil vapor samples (SS-1, SS-2, SS-3, SS-4, and SS-5) and soil vapor samples (SVI-1, SVI-2, SVI-3, and SVI-4) were collected on March 7, 2025. The locations of all sub-slab vapor, indoor air, and outdoor air samples were consistent with both the DEC approved sampling plan and recent air sampling events at 61 Water Street in July and December of 2024. A Sampling Location Map is provided in Attachment A, Maps and Plans.

³ Prior to use, the PID was calibrated with 100ppm Isobutylene.

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Soil Vapor Well Installation

Four (4) permanent soil vapor wells were installed to the North, East, and South of the 61 Water Street structure on February 26, 2025. These soil vapor wells were installed via air knife drilling technology to avoid drilling through underground utilities and were extended five (5) feet below ground surface (bgs). Per the DEC approved work plan, stainless-steel vapor pins were installed at a depth of 5 feet bgs and connected to inert tubing. Clean #2 silica sand was packed around the vapor pins to approximately one (1) foot bgs. The remaining void space was sealed with hydrated bentonite to prevent the mixing of soil vapor and ambient air. The four (4) soil vapor samples, SV-01, SV-02, SV-03, and SV-04 were collected the following week, on March 7, 2025.

Air Sampling Procedure

Air sampling was performed in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006) with updates (SVI Guidance). Prior to sample collection, the following actions were implemented and/or confirmed in order to minimize the possible influence of potential indoor air contaminant sources on the sampling event:

- Proposed indoor air samples were located at least 10 feet from mechanisms for heating, ventilating and air conditioning (HVACs) systems.
- It was confirmed that all chemical products had been removed from the building prior to sampling.
- The area was ventilated prior to sampling via the opening of overhead doors and the air purifiers were turned off. The SSDS system remained on for the duration of the sampling to make the sample representative of actual air quality conditions and not a residual impact associated with accumulated impacts.
- Following the ventilation period, the building was closed for an 18-hour period to allow for the indoor air to be restored to typical conditions during business operations and expected exposure scenario. Following the equilibration period, soil vapor/ambient air sampling commenced.

Helium (tracer gas) was applied within an enclosed structure at the ground surface above the top of the sealed annulus to assess whether ambient air would infiltrate the annulus. Helium concentrations were analyzed in the field using Radio Detection MGD-2002 Helium Leak Detector. No tracer gas was detected in the tubing of the vapor probes during the initial or final stages of either of the sampling events.

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Prior to the commencement of sampling, three (3) volumes of air were purged from the sampling apparatus. Once the tubing was connected to the vacuum canister, the laboratory preset flow regulator was opened for collection of the soil vapor at a rate not exceeding 0.2 liters per minute. The flow regulator was closed following the sampling period and the tubing disconnected from the Summa canister.

Samples were collected in 2.7-liter laboratory (batch) certified Summa® canisters equipped with an 8-hour flow regulator and analyzed for volatile organic compounds (VOCs) per USEPA Method TO-15 by Pace® Analytical Services.

Building Survey and Product Inventory

Per DOH Guidance for Evaluating Soil Vapor Intrusion 2.7.3, the site was investigated for chemical products on March 7, 2025. No chemical products were observed during the March 2025 air sampling event. All chemical products, machinery, and equipment had been removed prior to sampling, as the 61 Water Street tenants had vacated the property on February 28, 2025.

Air Sampling Quality Assurance/Quality Control

A blind field duplicate (FD01) was collected and analyzed. For quality assurance, a Helium tracer gas was used for leak testing at each sub-slab sampling location to document that ambient air was not infiltrating. This leak checking procedure was done after installation of each probe, before and immediately following sampling.

The laboratory provided the analytical results in NYSDEC ASP Category B Data Deliverable format for subsequent third-party data validation. Data validation was performed in accordance with the USEPA National and Regional Validation Guidelines/Procedures to determine the applicable qualifications of the data. The validator prepared a DUSR for the samples in accordance with NYSDEC guidance.

Groundwater Monitoring Well Installation

One (1) groundwater monitoring well, labeled as SB-31B, was installed to replace well SB-31 which could not be located. Historically SB-31 provided representative groundwater data near 61 Water Street, so replacing it was key to providing comparison to historic data. SB-31B was installed in conformance with the approved Supplemental Investigations Work Plan; SB-31B was installed with a new one (1)-inch diameter PVC monitoring well with slotted screen and solid riser and extends to a depth of 15 feet bgs. The well was screened from five (5) to

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fifteen (15) feet bgs. Historic data from this well was used to determine what measures should be used at 61 Water Street to be protective of human health.

Groundwater Sampling Methodology

All monitoring wells were developed prior to sampling by pumping and surging with a pump capable of removing any accumulated fine sediment within the wells to establish a hydraulic connection with the surrounding aquifers. Monitoring of temperature, specific conductivity, pH, and turbidity for defining stabilization were completed. Monitoring wells were sampled using low-flow methodology.

All water samples collected were analyzed for TCL VOCs via EPA method 8260D, Total Metals, Dissolved Metals, and Total Cyanide, per the NYSDEC approved SMP.

Groundwater Sampling Quality Assurance/Quality Control

A blind field duplicate (FD01_250306), Matrix Spike, Matrix Spike Duplicate, and Trip Blank were collected and analyzed. The laboratory provided the analytical results in NYSDEC ASP Category B Data Deliverable format for subsequent third-party data validation. Data validation was performed in accordance with the USEPA National and Regional Validation Guidelines/Procedures to determine the applicable qualifications of the data. The validator prepared a DUSR for the samples in accordance with NYSDEC guidance.

Findings

The sampling and corrective measures presented in this Report investigated and mitigated both the initial January 2024 indoor air exceedance collected by CT Male on behalf of the Owner, and high PID readings within a crack at the 61 Water Street Building Slab claimed by Mirage. The groundwater, ambient air, soil vapor, and sub-slab soil vapor data collected over three (3) separate sampling events in 2024 and 2025 have proven the efficacy of the corrective measures implemented to mitigate any exceedances and suggest that the initial AGV exceedance observed in January of 2024 may have been the consequence of Mirage using products that contain TCE. The same would be true for the December 2024 AGV exceedances.

Mirage has alleged that the AGVs were the result of vapor intrusion and that the SSDS system was not functioning as intended. Based on the results of historic sampling events and assessment of the efficacy of the SSDS, it is C.T. Male's professional opinion that the more likely scenario is that the use by Mirage of industrial products containing chemical compounds that included Trichloroethylene (TCE) and Perchloroethylene (PCE) resulted in

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the AGV exceedances for TCE that were observed during both the January and December 2024 sampling events. Note that prior to these AGV exceedances, the results of all previous indoor air quality (IAQ) testing events were within acceptable limits for these and other compounds. Sub-slab data collected within the same time period were consistent with historic findings. Very little variation in the sub-slab data were observed, so the observance of impacts to the IAQ data are not related to vapor intrusion.

The exceedance of the AGV for TCE was not predicted based on historic sampling events. Historic groundwater sampling results (2004 through 2025) from wells SB-30, SB-31, SB-31B, SB-36B, SB-37, and SB-39 which are located upgradient to and around 61 Water Street were plotted to see if there were any trends that could apply to the data. The SVI Evaluation was conducted to investigate the potential for volatile organic compounds in ambient air at levels that warrant further action. Indoor air and sub-slab soil vapor samples were collected in July 2024, after the sealing of slab cracks within the 61 Water Street building. Respectively, 1,1,1-Trichloroethane and TCE values of 2410 and 188 mcg/m³ detected in sub-slab soil vapor triggered a mitigate response. cis-1,2-dichloroethene, 1,1-Dichloroethene, and carbon tetrachloride triggered a monitor, re-sample or mitigate response. All other data collected during the July 2024 sampling event did not warrant further action, according to the NYSDOH guidelines. After additional corrective measures were implemented, including SSDS upgrades, ambient air was tested in seven (7) locations during the December 2024 sampling event. Analytical results from this December 2024 sampling event show low values of PCE ranging from 0.827 and 1.22 mcg/m³. These PCE results were relatively consistent with historical air data and did not exceed AGV's. TCE results ranged from 9.35 to 31.4 mcg/m³, which exceeded the AGV. However, these elevated TCE results were not consistent with historical data, and thus additional air sampling was proposed to and approved by the NYSDEC to investigate appropriately.

The additional sampling was completed in March 2025, after Mirage vacated the property and included the collection of groundwater, soil vapor, sub-slab vapor, and indoor air samples. **Critically, TCE and PCE were not detected in any indoor air samples collected in March 2025.** All volatile organics within soil vapor (exterior sampling points) and sub-slab soil vapor (interior sampling points) were detected below the AGVs and do not warrant further action per applicable NYSDOH soil vapor guidelines. Significantly, Mirage's departure from the building was the only variable that changed.

Historic groundwater sampling results (2004 through 2025) from wells SB-30, SB-31B, SB-36B, SB-37, and SB-39 were plotted to see if there were any trends that could apply to the data. These wells were selected due to their proximity to 61 Water Street; they are located upgradient and around the subject building. It is noted that there have been significant

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improvements in groundwater quality between 2004 and 2025. For all intents and purposes, the groundwater impacts are essentially non-existent (see attached Graph depicting groundwater sampling results in Attachment H). This is important because, if the source of CVOC AGV exceedances observed in indoor air was off-gassing from groundwater, one would expect that concentrations of CVOCs in groundwater would increase over time. Instead, PCE and TCE levels in groundwater have been steadily decreasing and are essentially asymptotically zero since approximately 2016.

During the March 2025 sampling event, PCE and TCE were encountered in groundwater wells SB-31B and SB-37, which are located northeast of and immediately in front of the 61 Water Street building, respectively. PCE was detected at a concentration of 19 ug/L in SB-31B and 16 ug/L in SB-37 (AWQS guidance value 5 ug/L). TCE was detected at a concentration of 7.9 ug/L in SB-31B and 10 ug/L in SB-37 (AWQS guidance value 5 ug/L). Although these values are slightly above Ambient Water Quality Standards, it is important to consider that these levels of PCE and TCE were consistent with the historical groundwater data, and follow the trend of PCE and TCE approaching asymptotic zero.

Vapor intrusion potential is impacted by heating a building in the wintertime, so this could certainly have impacted the samples collected in December 2024. Vapor intrusion is caused by the vacuum created by having warmer air in the building during the heating season, creating a lower pressure zone below the slab, which in turn allows vapors to migrate into the building as induced by the change in pressure.

However, it is highly unlikely that off-gassing from groundwater with concentrations at the 10 ug/l range could have caused the high ppm level PID readings (>1,500 ppm) observed by Mirage's consultant in February of 2024. C.T. Male was not present during that testing and could not replicate those results when the testing was repeated in the same general location as that conducted by Mirage.

It is important to note that Mirage had used and stored several products containing chlorinated solvents on site, including CRL S209 Aerosol Mirror Edge Sealant, CRL Solvent Cleaner and Degreaser, and Spray Mount Artist's Adhesive (3M), as documented within the product inventories associated with the sampling events (July and December 2024) conducted while Mirage was a tenant. It is also noted that the exceedances of 1,1,1-Trichloroethane and TCE during the July 2024 sampling were proximate to the metal storage cabinet in the northern portion of the building where the CRL S209 Aerosol Mirror Edge Sealant, CRL Solvent Cleaner and Degreaser, and Spray Mount Artist's Adhesive (3M) were stored. In addition, an unlabeled spray bottle of liquid was observed in the metal storage cabinet in the northern portion of the building; this spray bottle had PID readings greater

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than 1,800 ppm on December 13, 2024. By the same token, the IAQ exceedance of the AGVs during the December 2024 sampling event were significantly higher than previously observed (see Attachment H, Data Tables and Plots). Moreover, none of the samples obtained after Mirage had vacated the building exceeded an AGV. Of the five sub-slab samples in March 2025, only one chlorinated compound was detected (PCE at 3.06 ug/m³). No AGVs were detected in indoor air quality samples after Mirage's departure, except for carbon tetrachloride, which was also present in the outdoor air samples at virtually identical levels as those found in the indoor air samples.

Sampling for IAQ impacts in July of 2024 were essentially non-detect, followed by a large spike in the results in December of 2024, trending back down to non-detect in March of 2025, after Mirage vacated the facility. This analysis suggests self-contamination by Mirage, considering that: (i) the SSDS system had been documented to work effectively and such performance was improved to be even more efficient within this timeframe; and (ii) the concentrations in groundwater (the expected source of CVOC vapor impacts) remained essentially the same during this time period. Even though the AGV for TCE was exceeded during the January 2024 sampling event when the heating system was on, no other AGVs for TCE were exceeded at any other sampling event prior to or after that one spike in January 2024 and the inventory identified the presence of TCE containing products they may have been used during ongoing assembly operations. Simply put, the data spikes were inconsistent with historical IAQ data (see the data plots in Attachment H), and that, taken together with the results of subsequent testing relative to Mirage's departure from the Building, strongly suggests that self-contamination by Mirage caused the exceedances. Indeed, levels as high as those reported by Mirage's consultant in February 2024 simply cannot be explained by the historic and contemporary sampling results given that the SSDS, was working as designed when the AGV exceedance was noted. Moreover, the groundwater data have remained essentially asymptotically zero, so the uptick is likely not associated with vapor intrusion.

Furthermore, a review of the historical indoor air quality data shows compliance with the AGV's without exception prior to Mirage becoming a tenant in the 61 Water Street building. Further, the TCE levels within indoor air were trending slightly upward from 2019 until 2024 when the initial AGV exceedance for TCE in indoor air was detected in January 2024 (see the data plots in Attachment H). This increasing concentration levels coincides with Mirage's occupancy of the building. During that same time period, the groundwater impacts remained consistent. Since groundwater would be the source of the chlorinated solvent vapors observed in the IAQ samples, it would be unlikely that decreasing levels of TCE in groundwater would result in increasing levels of TCE inside the building. Although many factors control the potential for volatilization of the CVOCs in groundwater, there often is

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proportionality. The potential for vapor intrusion is often influenced by contaminant levels in groundwater, which in this case was within the 10ug/L range, as detected in SB-31B and SB-37. The immediately adjacent exterior soil vapor point SV-02 to monitoring well SB-37 was non-detect for both TCE and PCE. Accordingly, groundwater is very unlikely to be the source of the AGVs observed in 61 Water Street, throughout 2024, even during the heating season.

Finally, the March 2025 soil vapor sampling results confirmed there were no volatile organic compounds within soil vapor at actionable levels. The recent exterior soil vapor samples obtained from wells after Mirage vacated the facility had no chlorinated solvents in two of the four vapor sampling points and only trace levels of 1,1,1, TCA and PCE in the soil vapor sampling well located on the north side of the building (Figure 1 in Attachment A). The remaining soil vapor well exhibited PCE at a value of 10.1 mcg/m³, which does not warrant further action per the NYSDOH guidelines.

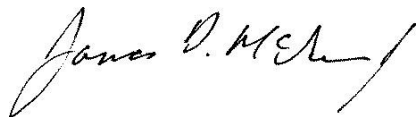
Conclusion

In conclusion, this report confirms that all of the tasks required by the CMWP have been fully completed. In addition, though Mirage has alleged that the AGVs found in early 2024 were the result of vapor intrusion and an inadequate SSDS system, it is C.T. Male's professional opinion that, based upon all of the data discussed above, and the demonstration that the SSDS performed as designed and was improved to be even more efficient, the use by Mirage of products containing chlorinated solvents as part of the assembly and finishing processes undertaken at the facility is the most likely source of the AGV exceedances observed at the 61 Water Street Site.

If you have any questions, do not hesitate to contact the undersigned at 845.454.4400, ext. 2110 or at j.mciver@ctmale.com.

Sincerely,

C.T. MALE ASSOCIATES

A handwritten signature in black ink, appearing to read "James D. McIver Jr.", with a stylized flourish at the end.

James D. McIver Jr., P.G.

Managing Geologist/Regional Office Manager

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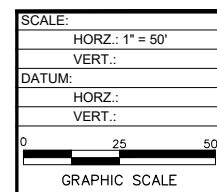
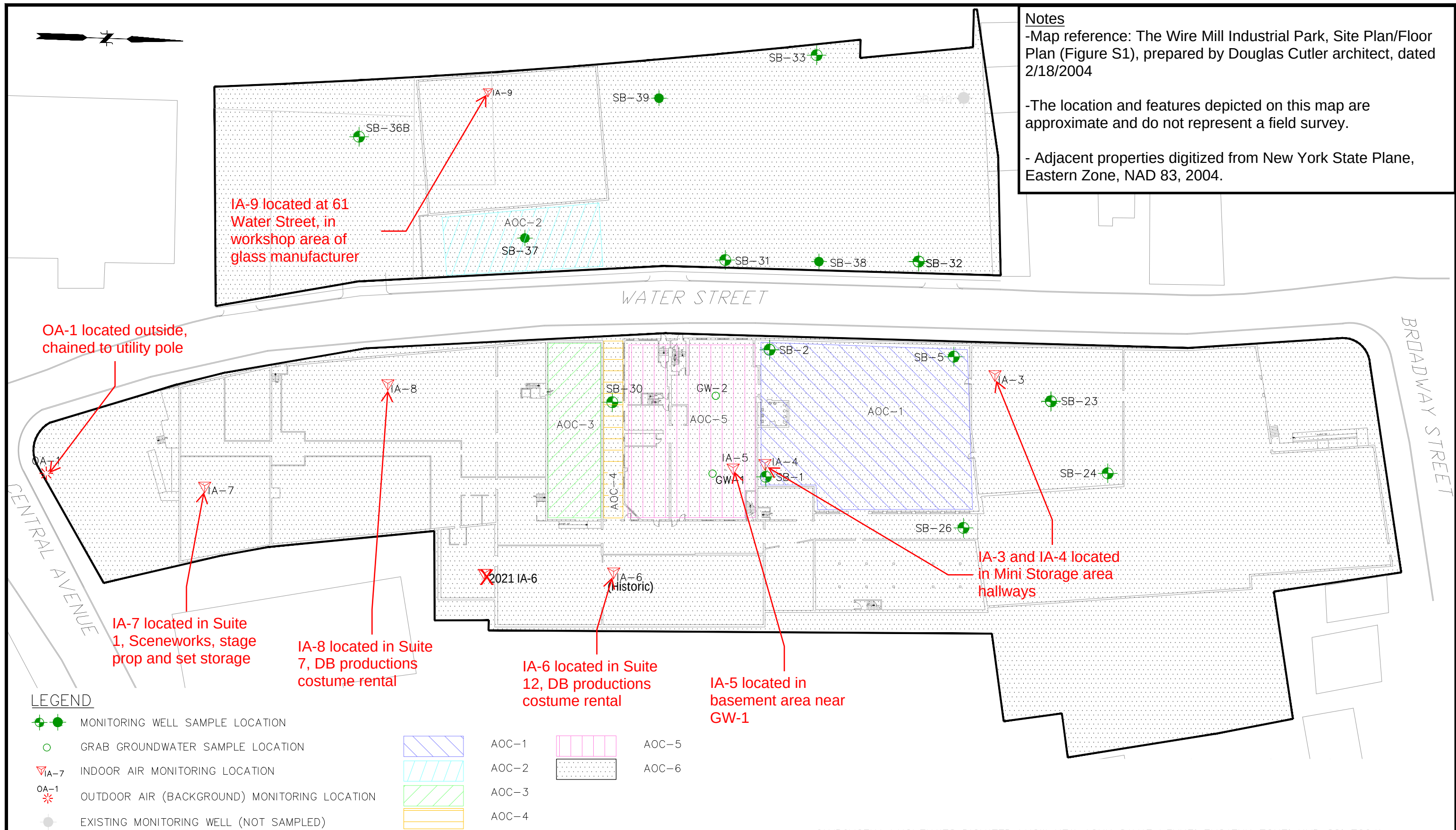
Attachments:

Attachment A	Maps and Plans
Attachment B	Engineering Control Inspection Form – February 2024
Attachment C	Crack Sealing and Air Purification Documentation
Attachment D	Detailed Chemical Inventory – May 2024
Attachment E	Vapor Intrusion Mitigation System Evaluation
Attachment F	Vapor Intrusion Mitigation System Report and Verification Data
Attachment G	Chemical Inventories – July and December 2024
Attachment H	Data Tables and Plots

cc: Robert Fedigan, Wire Mill LLC
Colleen Carney, Wire Mill LLC
Mary McCoy, P.E., C.T. Male
Gary Bowitch, Esq.
James Arrabito, Esq.
Steven McCague, P.E., NYSDEC
Ashley Johnson, NYSDEC

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ATTACHMENT A
MAPS AND PLANS



ARCHITECTURE & BUILDING SYSTEMS ENGINEERING
CIVIL ENGINEERING
ENVIRONMENTAL SERVICES
SURVEY & LAND INFORMATION SERVICES

C.T.MALE ASSOCIATES, P.C.

50 CENTURY HILL DRIVE, PO BOX 727, LATHAM, NY 12110
PHONE (518) 786-7400 FAX (518) 786-7299

THE WIRE MILL, LLC

GROUNDWATER AND AIR MONITORING PLAN

2022 PERIODIC REVIEW REPORT

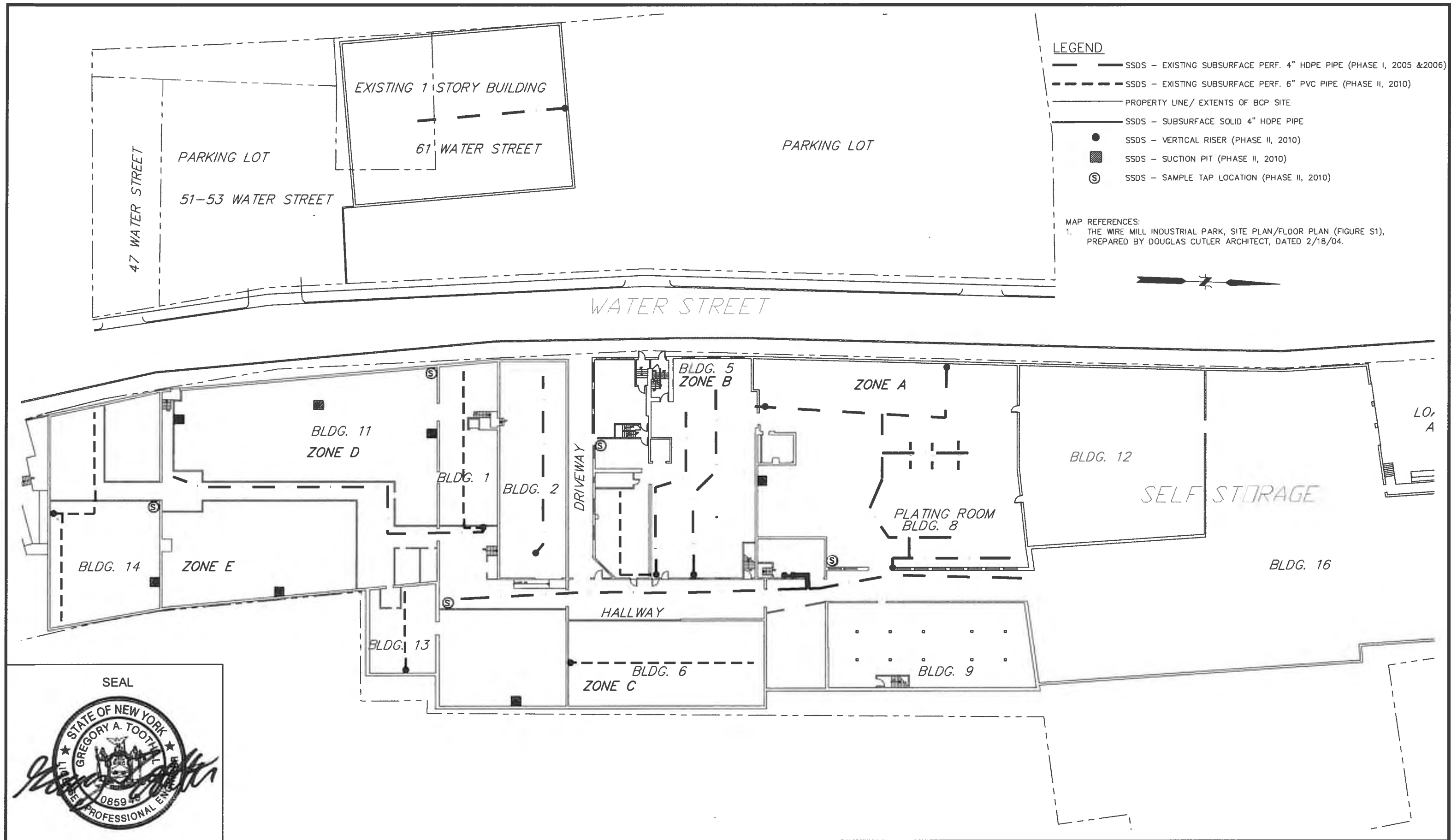
VILLAGE OF OSSINING

WESTCHESTER COUNTY, NEW YORK

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FIGURE 2



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FIG. 7A

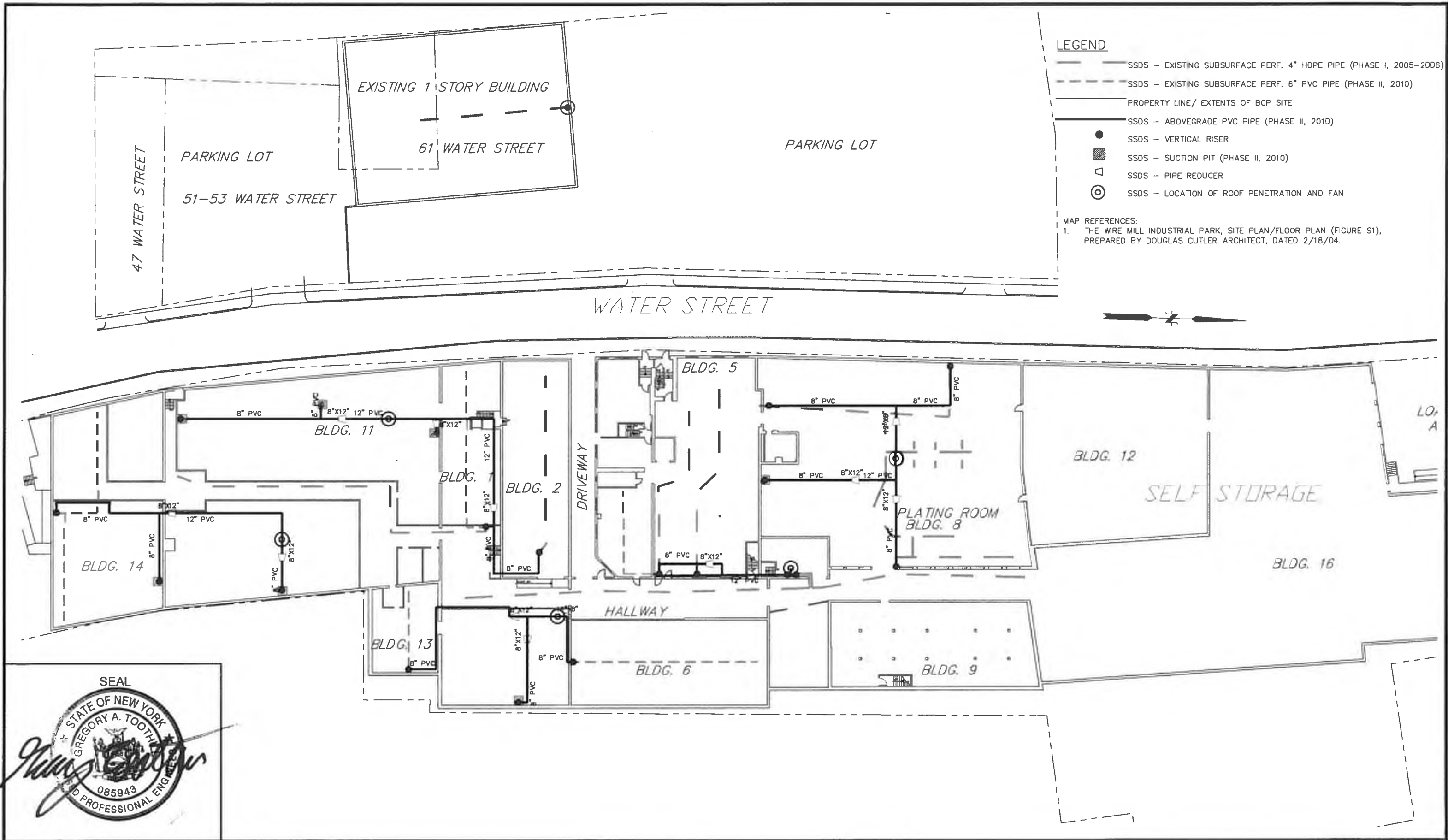
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DATE: DECEMBER 2010

FIG. 7B

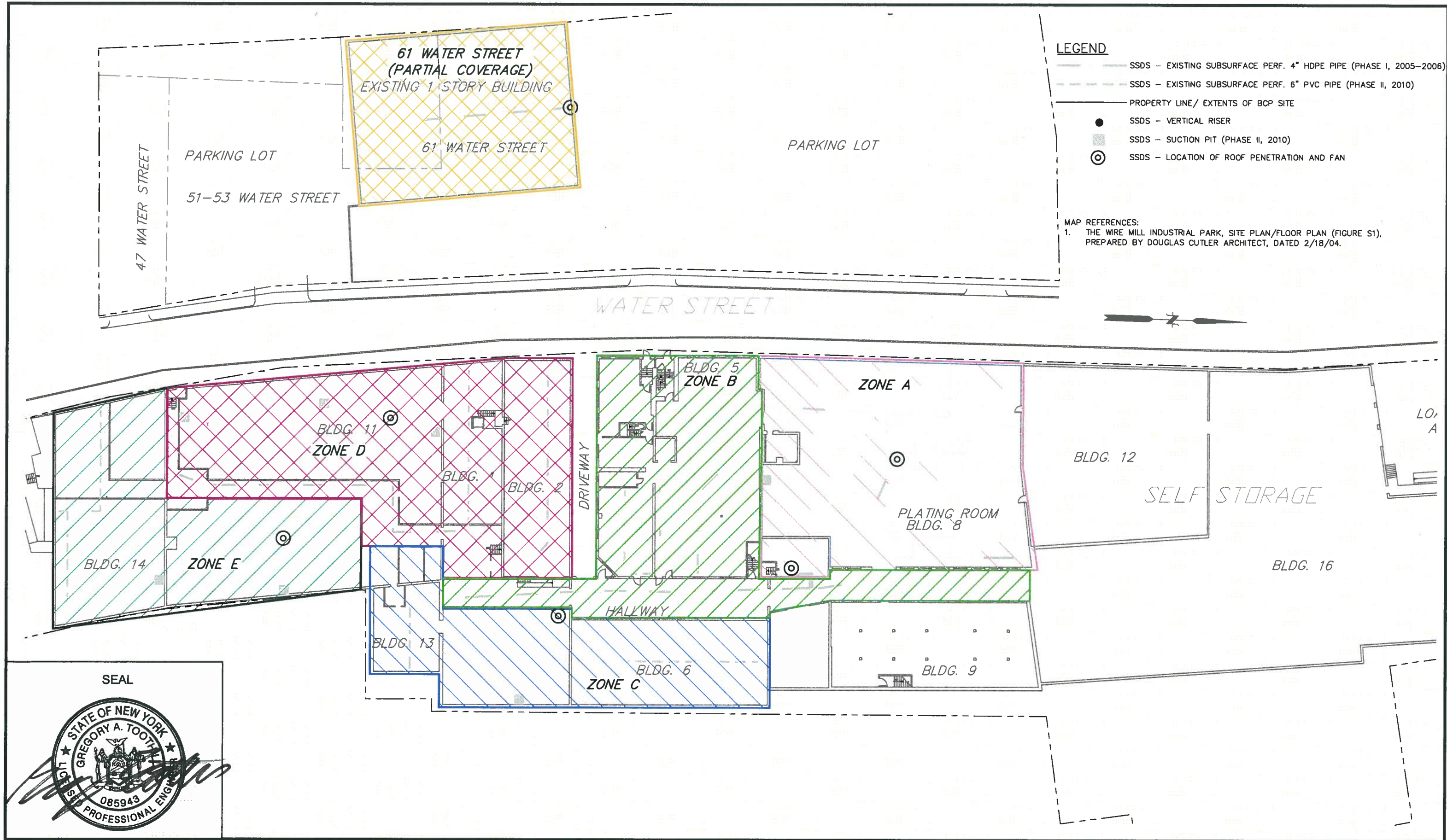
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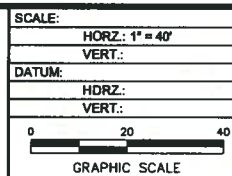
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SYSTEM LAYOUT
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FIG. 7C

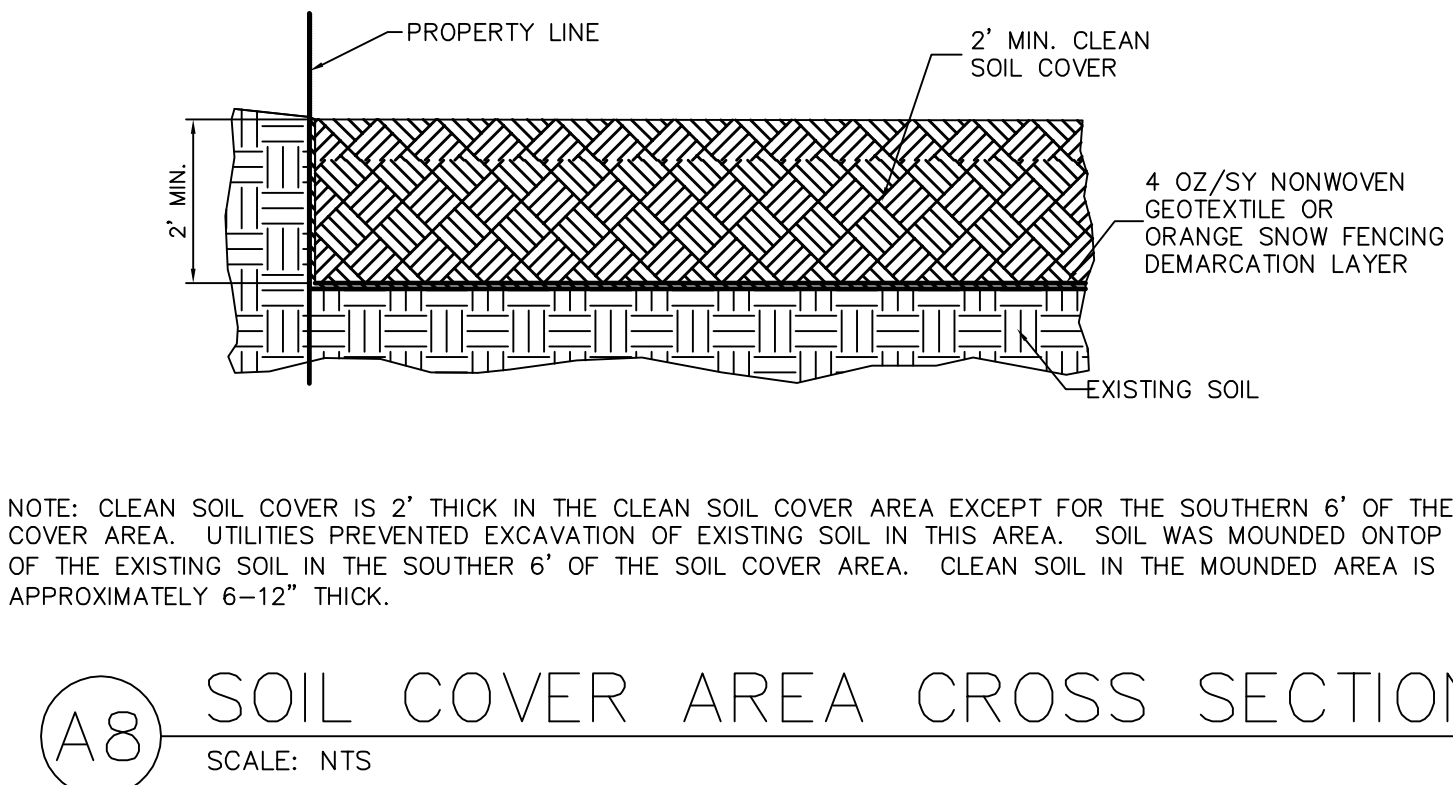
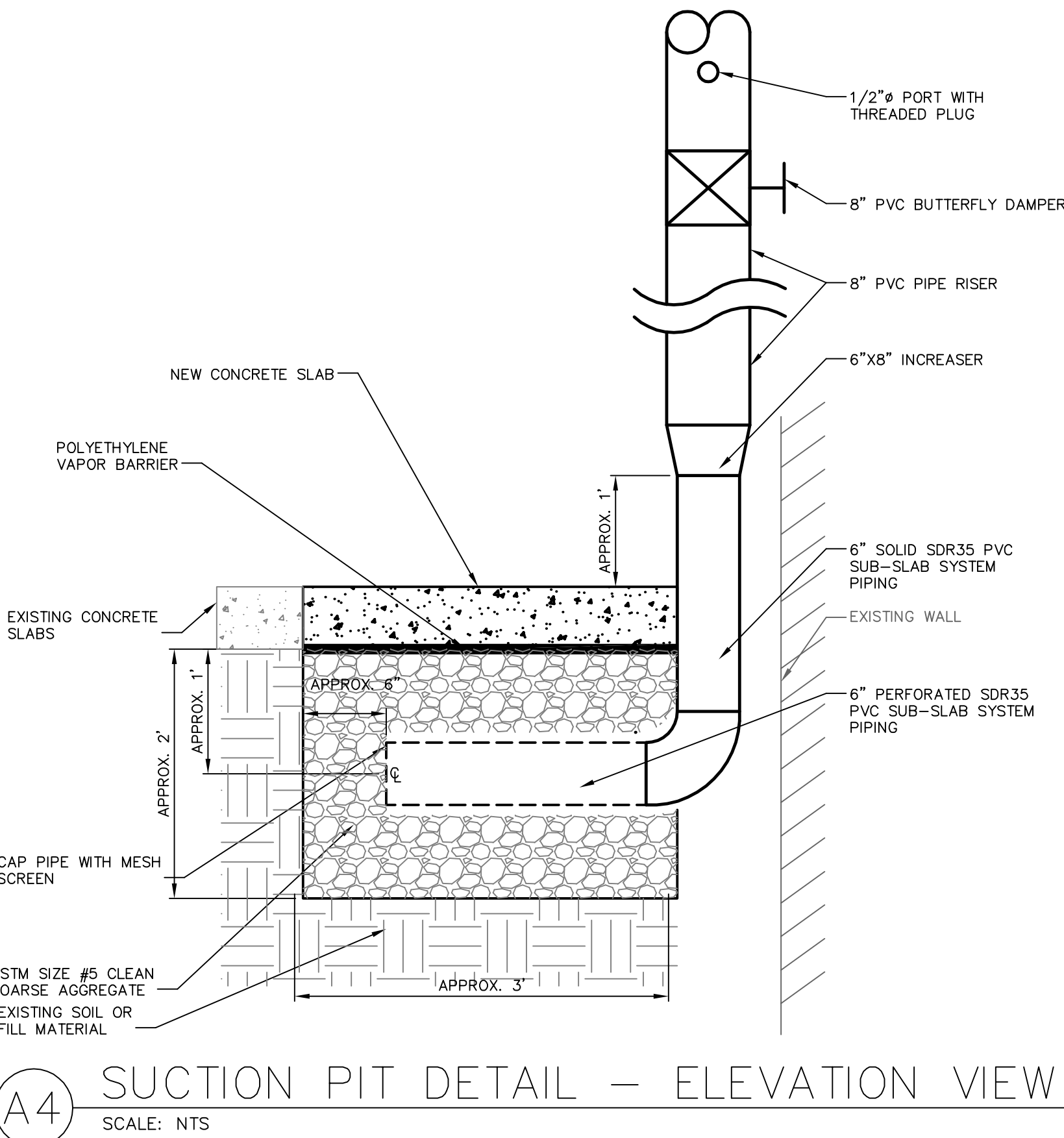
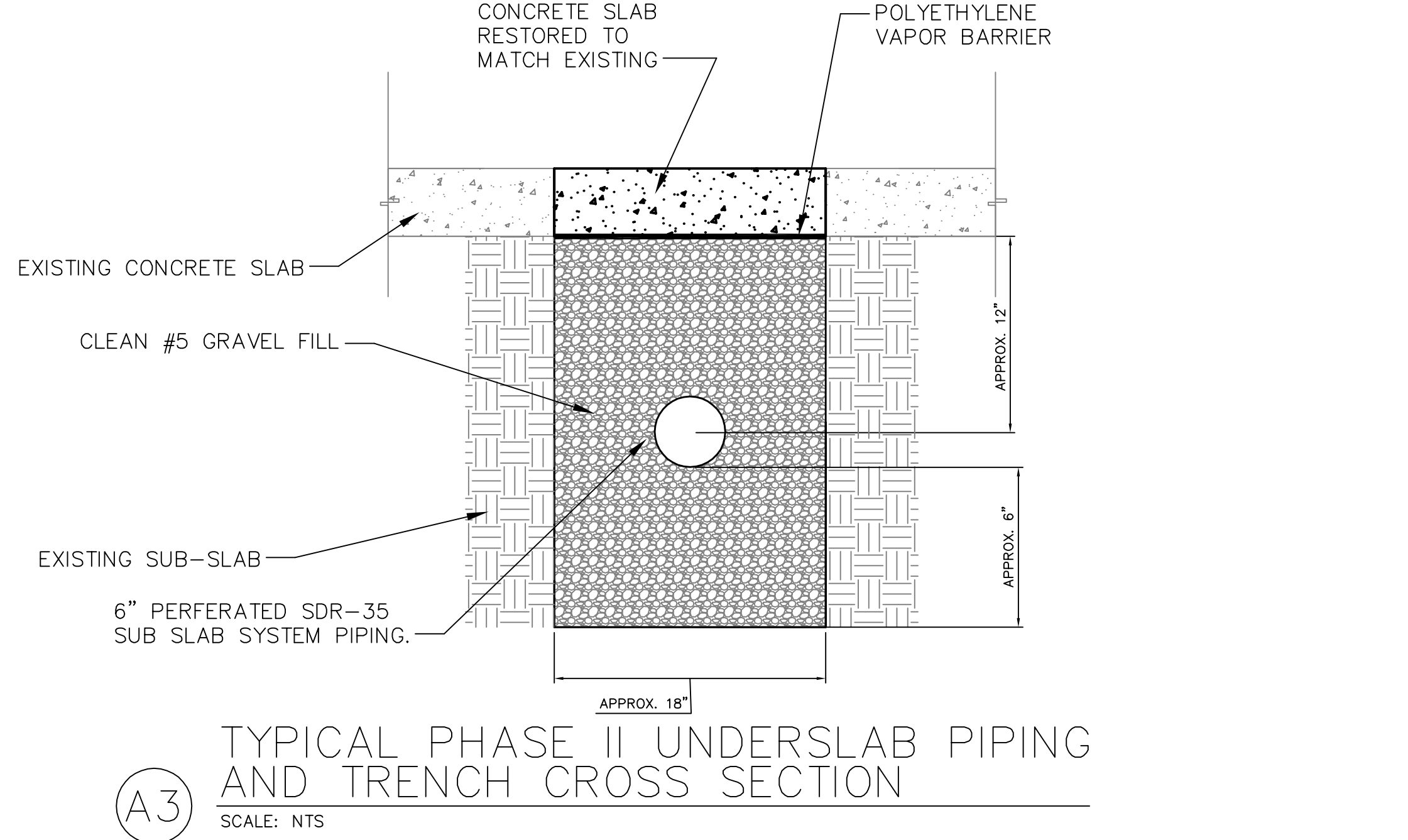
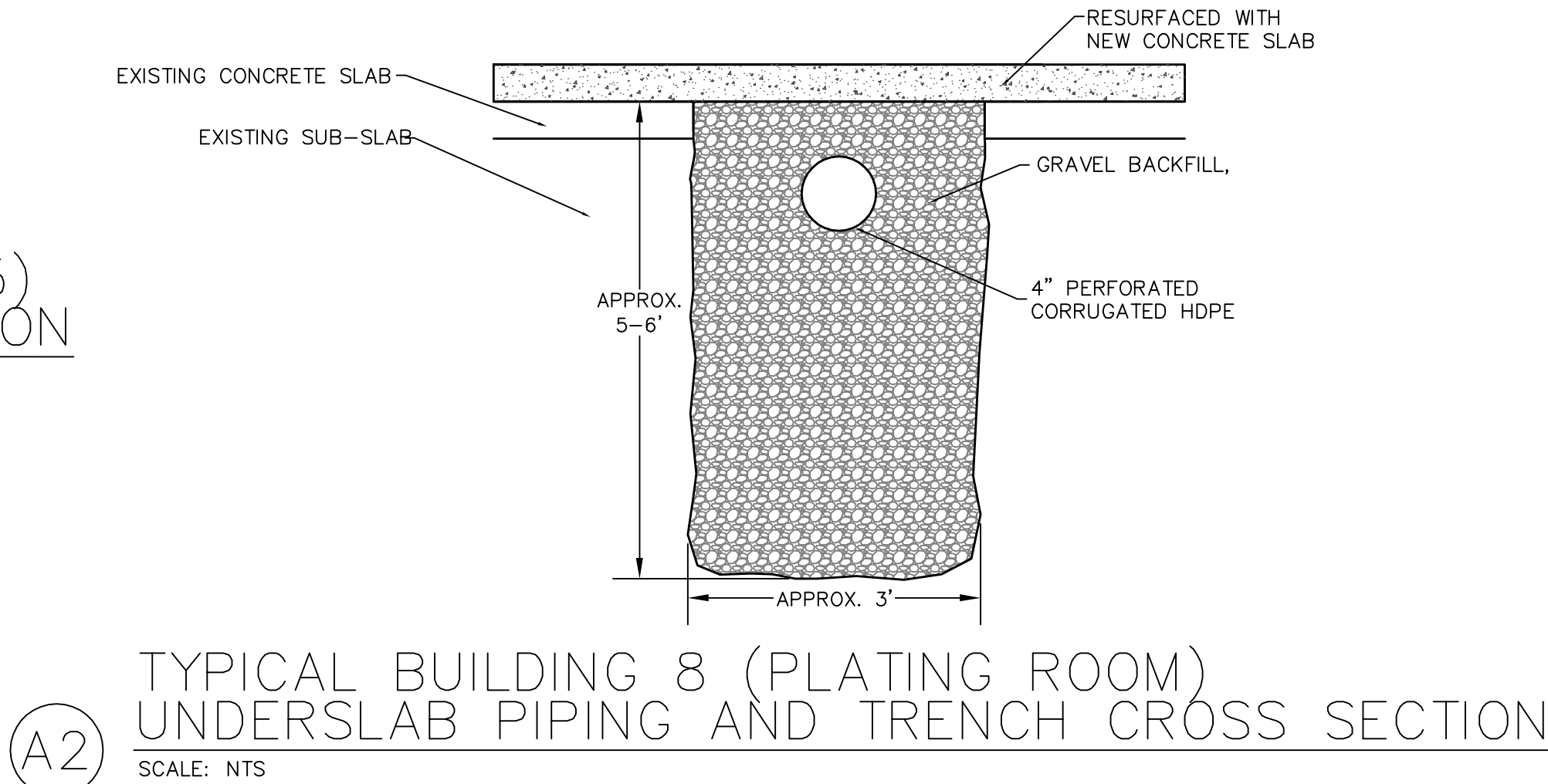
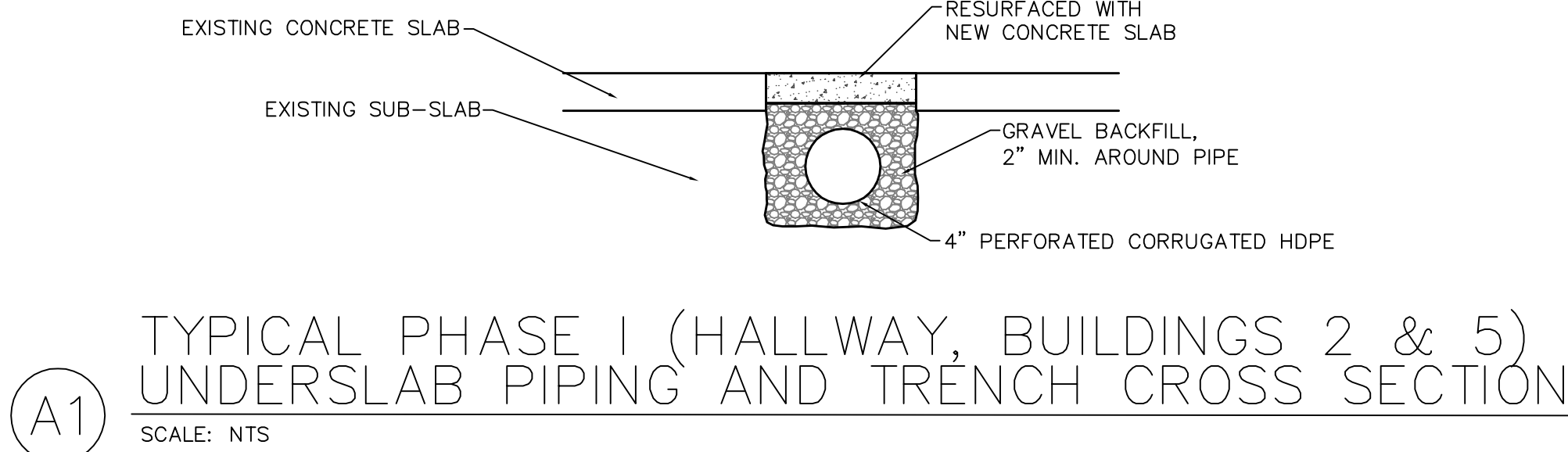
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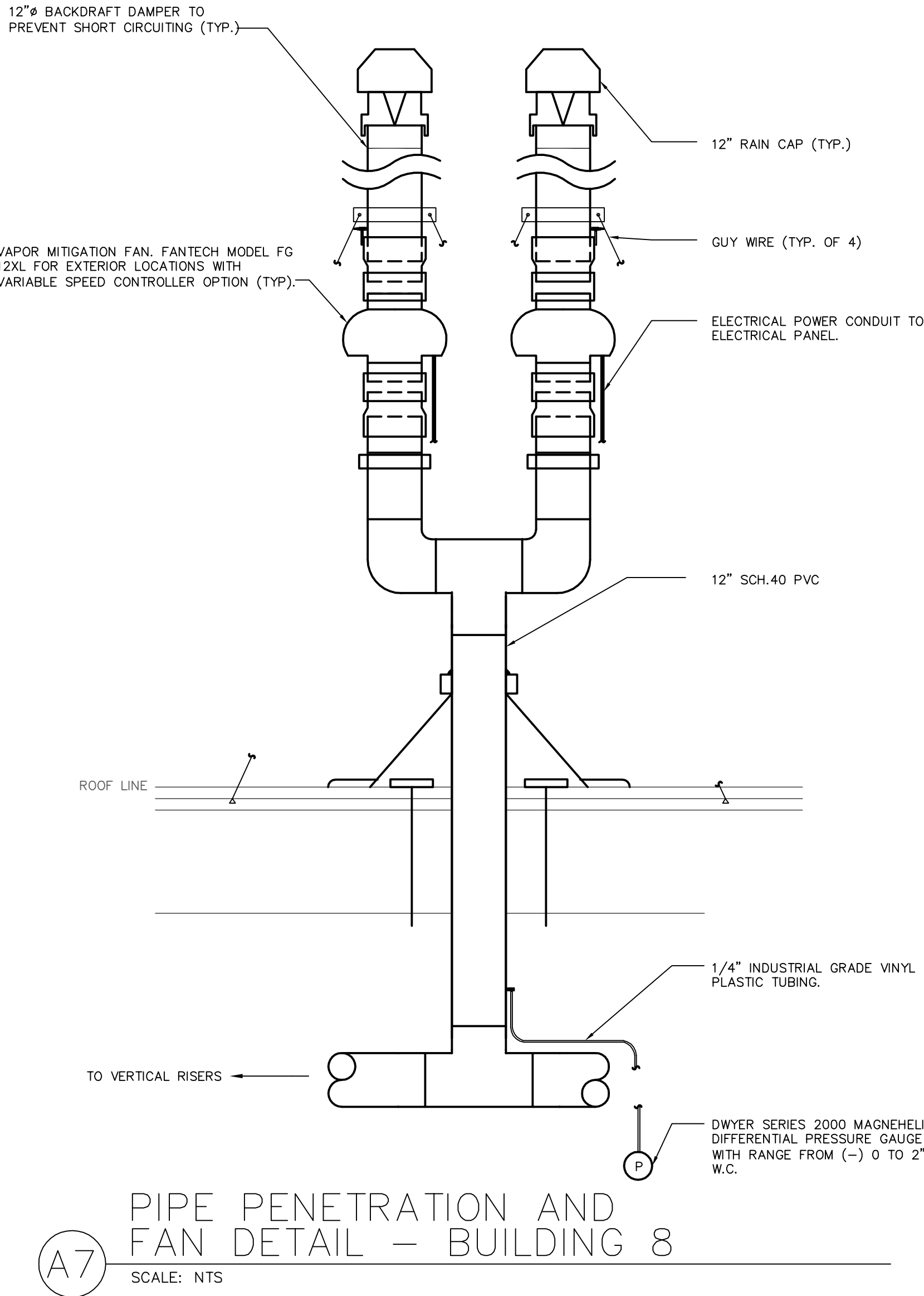
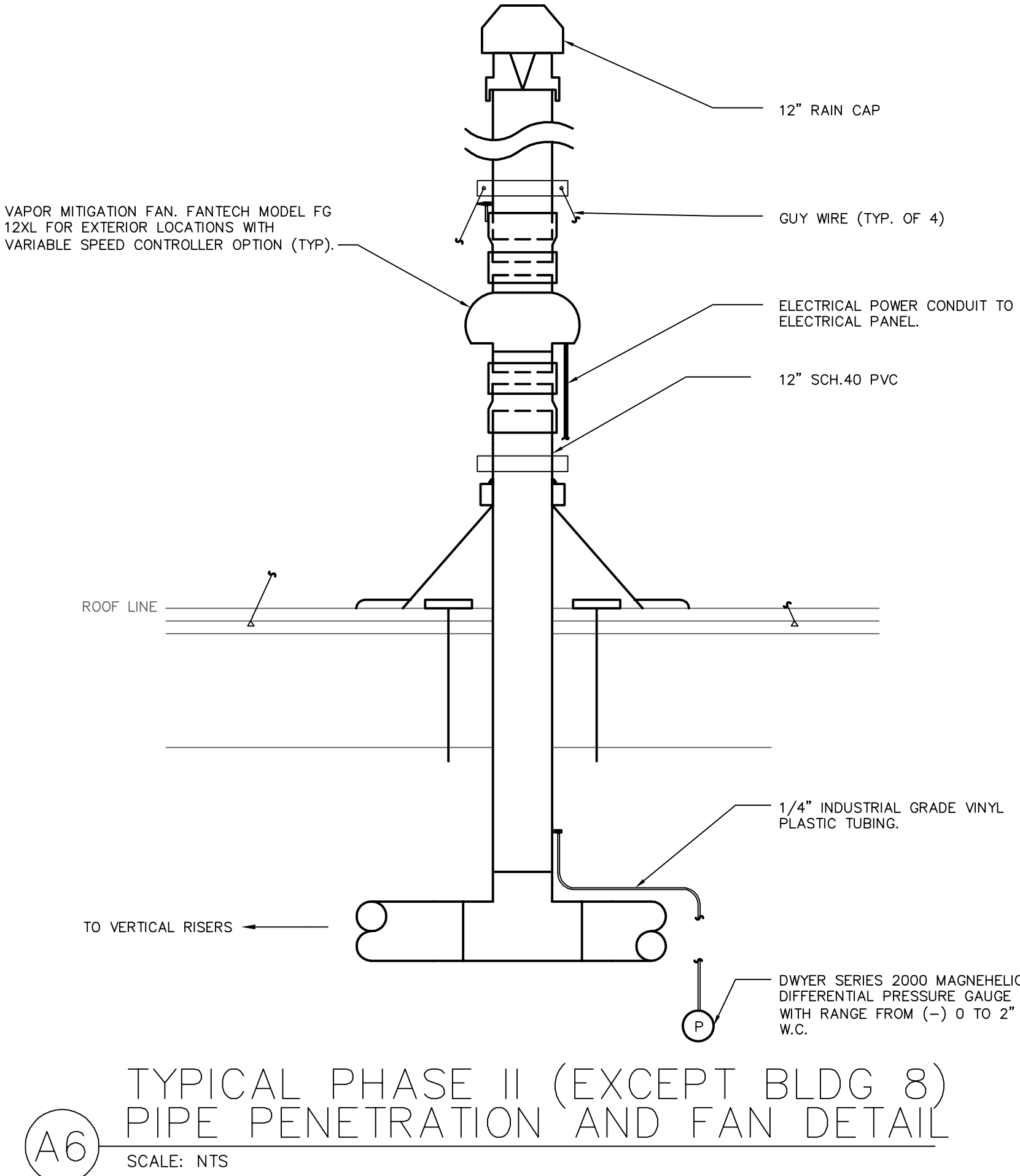
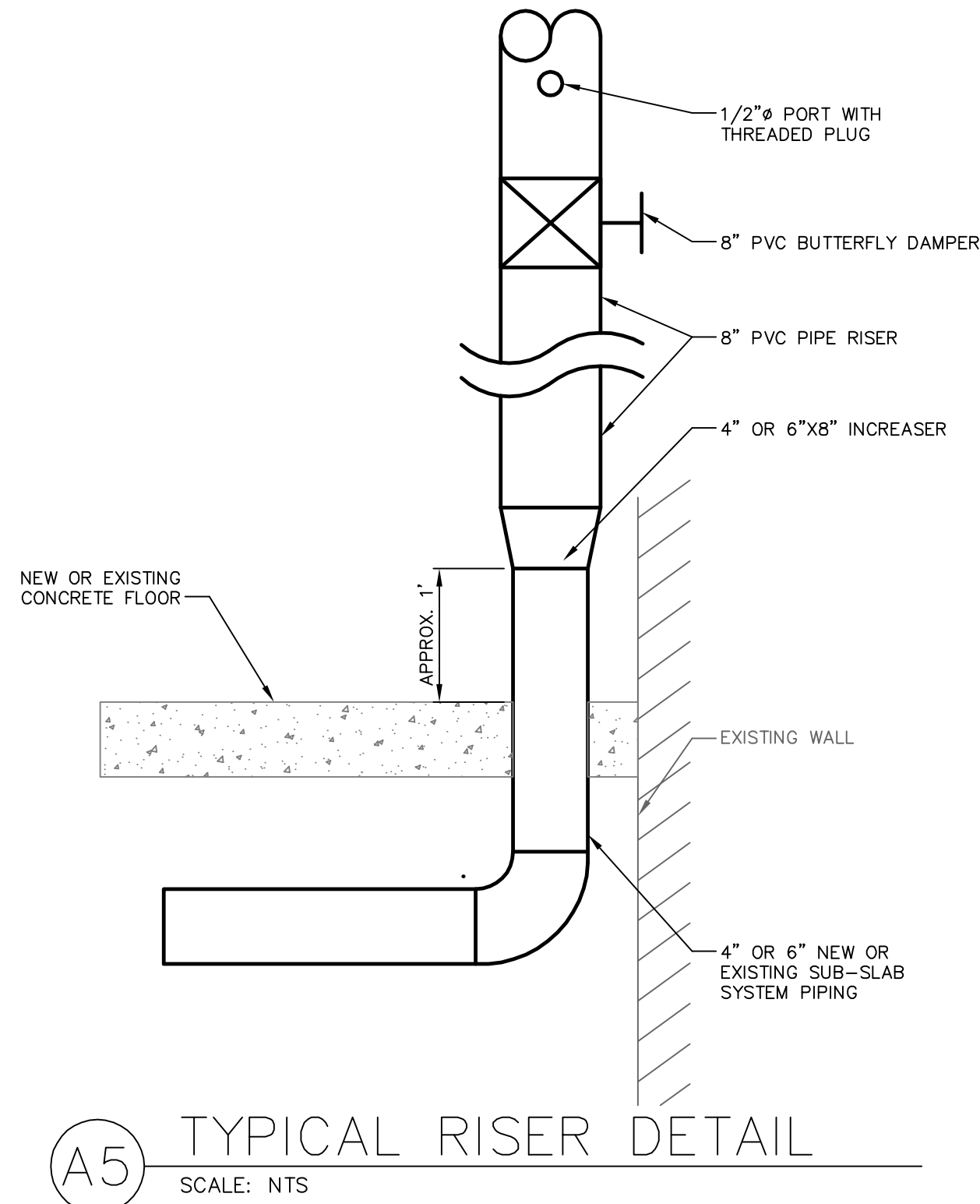
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NOTE: CLEAN SOIL COVER IS 2' THICK IN THE CLEAN SOIL COVER AREA EXCEPT FOR THE SOUTHERN 6' OF THE COVER AREA. UTILITIES PREVENTED EXCAVATION OF EXISTING SOIL IN THIS AREA. SOIL WAS MOUNDED ONTOP OF THE EXISTING SOIL IN THE SOUTHER 6' OF THE SOIL COVER AREA. CLEAN SOIL IN THE MOUNDED AREA IS APPROXIMATELY 6-12" THICK.



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SUBSLAB DEPRESSURIZATION SYSTEM

CONSTRUCTION DETAILS

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DATE: DECEMBER 2010

FIG. 8

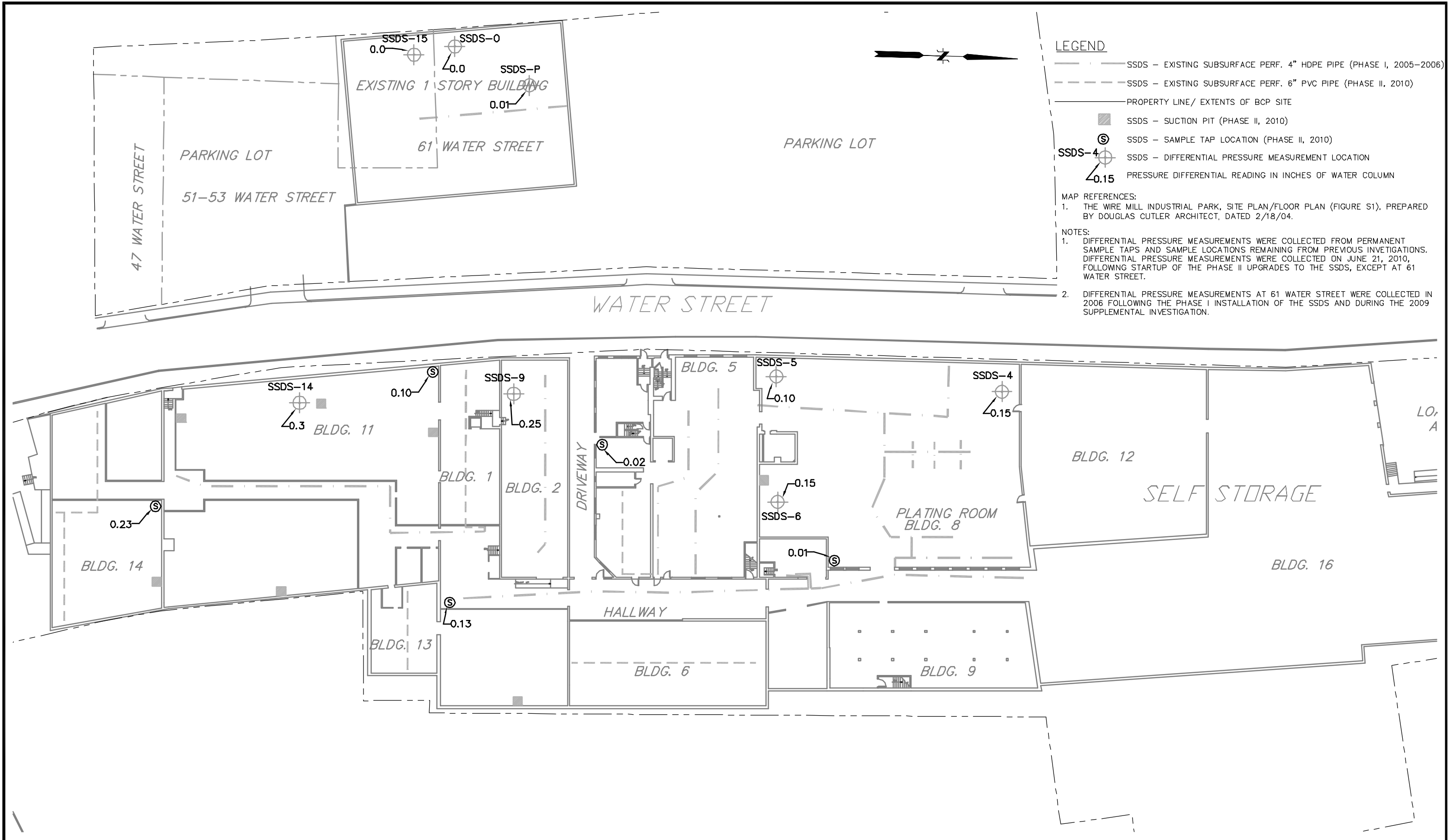
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SYSTEM TESTING RESULTS

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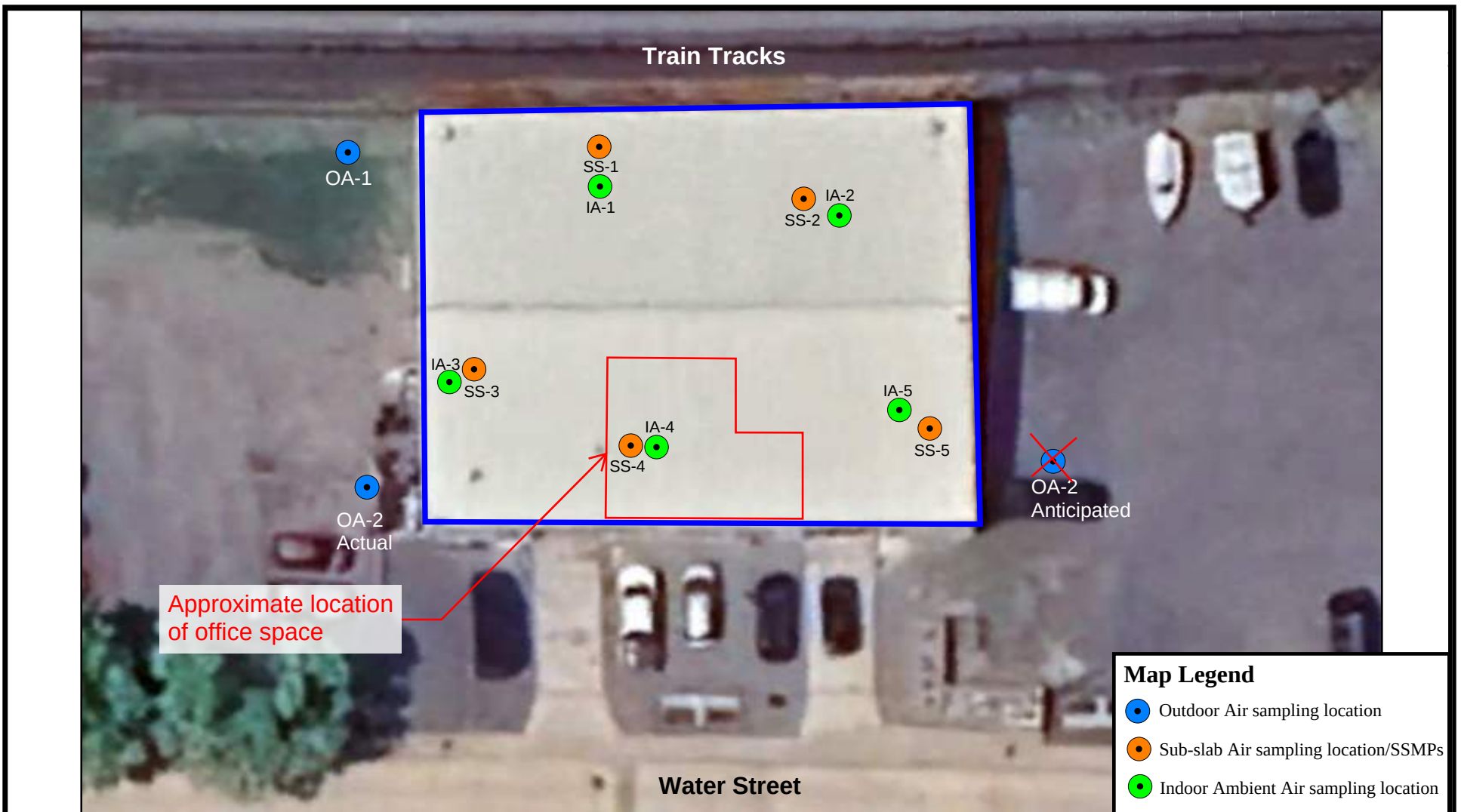
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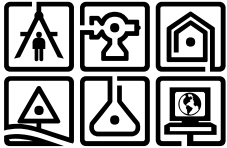
FIG. 9

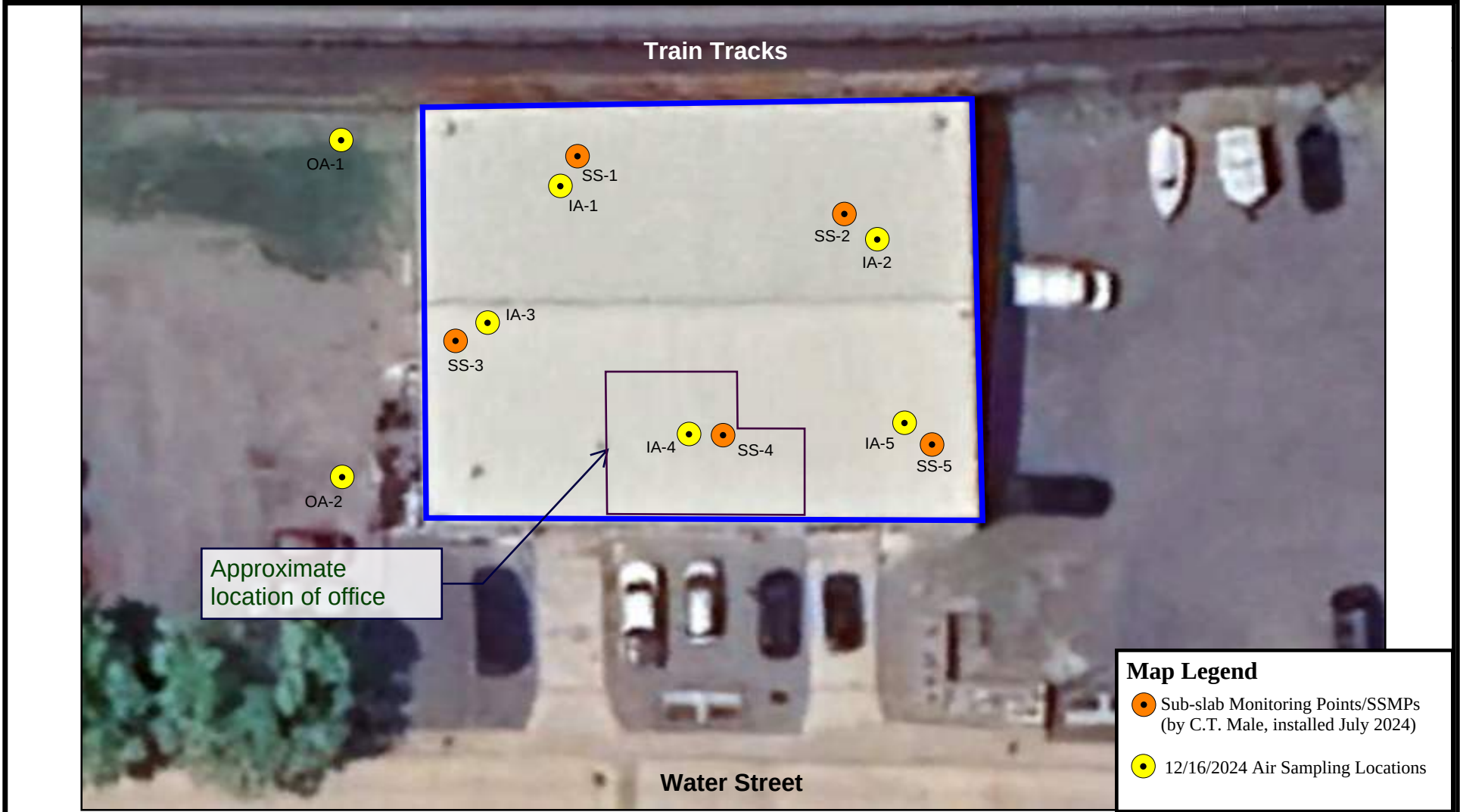


Notes:

- 1.) Locations and features depicted on this map are approximate and do not represent an actual field survey.
- 2.) Sampling locations are subject to change based on field conditions.

N

 C.T.MALE ASSOCIATES ENGINEERING, SURVEYING, ARCHITECTURE LANDSCAPE ARCHITECTURE & GEOLOGY, D.P.C. 12 RAYMOND AVENUE POUGHKEEPSIE, NY 12603	61 WATER STREET WIRE MILL SITE		Photo Reference: <i>Google Earth Imagery, accessed on-line June 7, 2024.</i>
	VILLAGE OF OSSINING	WESTCHESTER COUNTY, NEW YORK	Date: 6/19/2024
	Scale: NOT TO SCALE	Project No. 21.1622	Drafter: ML



Notes:

- 1.) Locations and features depicted on this map are approximate and do not represent an actual field survey.
- 2.) Sampling locations are subject to change based on field conditions.

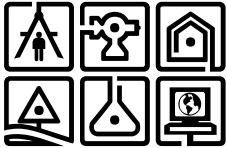
 C.T.MALE ASSOCIATES ENGINEERING, SURVEYING, ARCHITECTURE LANDSCAPE ARCHITECTURE & GEOLOGY, D.P.C.	61 WATER STREET WIRE MILL SITE		Photo Reference: <i>Google Earth Imagery, accessed on-line June 7, 2024.</i>
	VILLAGE OF OSSINING	WESTCHESTER COUNTY, NEW YORK	Date: 1/7/2025
	Scale: NOT TO SCALE	Project No. 21.1622	Drafter: ER



Figure 1: Proposed Sampling Location Map
Wire Mill Site

Village of Ossining Westchester County, NY

C.T. MALE ASSOCIATES
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Map Note: The locations and features depicted on this map are approximate and do not represent a field survey.

Project Number: 21.1622
Data Source: Nearmap Imagery, March 30, 2024
Projection: State Plane NAD83 NYE (Feet)
Date: August 02, 2024
File: 21.1622
GIS: D Landreville

Legend

Site Features

- Parcels of Interest
- Building
- Hallway
- Loading Area
- Driveway
- Parking Lot
- Railroad

Legend

- 2024 Sub-Slab Monitoring Points (SS-1, SS-2, SS-3, SS-4, SS-5)
- 2024 Indoor Air Sampling Locations (IA-1, IA-2, IA-3, IA-4, IA-5, OA-1, OA-2)
- 2025 Proposed Soil Vapor Wells (SV-1, SV-2, SV-3, SV-4)
- 2025 Proposed Groundwater Monitoring Well (SB-31R, former SB-31)
- 2025 Proposed Groundwater Monitoring Wells to be Sampled (SB-30, SB-31R, SB-36B, SB-37, SB-39)
- Existing Wells (All remaining)

C.T. MALE ASSOCIATES

ATTACHMENT B
ENGINEERING CONTROL INSPECTION FORM - FEBRUARY 2024

ENGINEERED CONTROL INSPECTION FORM

Former Hudson Wire Mill

Inspector: Rosaura Andujar-McNeil, P.E. Inspection Date: 2/29/2024

ENGINEERED CONTROL OBSERVATIONS

- 1) Sub-slab pressure differential measured at sample tap located in:

Zone A -0.052 inches of water column
Zone B -0.015 inches of water column
Zone C -0.884 inches of water column
Zone D -0.012 inches of water column
Zone E -0.050 inches of water column

The U-manometer reading the SSDS at 61 Water Street (located in the riser pipe) was approximately 0.8 in. w.c.

* Readings presented are averages of three (3) consecutive readings at each sample tap.

- 2) Are cracks or other damage to the Concrete Floor Slab present in:

Zone A Yes X No
Zone B Yes X No
Zone C Yes X No
Zone D Yes X No
Zone E Yes X No
61 Water Street X Yes No

If yes, describe (Attach photos and/or site sketch if appropriate): Cracks were identified in the floor slab of the 61 Water Street building. See attached photos.

- 3) Damage to the Aboveground SSDS Piping in:

Zone A Yes X No
Zone B Yes X No
Zone C Yes X No
Zone D Yes X No
Zone E Yes X No
61 Water Street Yes X No

If yes, describe (Attach photos and/or site sketch if appropriate): Not applicable

4) Damage to the SSDS Vent Stack in:

Zone A ☐ Yes ☒ No
Zone B ☐ Yes ☒ No
Zone C ☐ Yes ☒ No
Zone D ☐ Yes ☒ No
Zone E ☐ Yes ☒ No
61 Water Street ☐ Yes ☒ No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

5) Damage to the SSDS Fan in:

Zone A ☐ Yes ☒ No
Zone B ☐ Yes ☒ No
Zone C ☐ Yes ☒ No
Zone D ☐ Yes ☒ No
Zone E ☐ Yes ☒ No
61 Water Street ☐ Yes ☒ No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of the inspection (e.g., part of the slab in Bldg. 11 was covered by tenant's stored materials):

Several areas were covered by tenants materials and storage units.

CORRECTIVE MEASURES

If the pressure differential measured for item 1 was not at least -0.002 inches of water column or any of the answers to items 2 through 5 were “Yes”, please complete the Corrective Measures section below and append additional pages or documentation, as necessary.

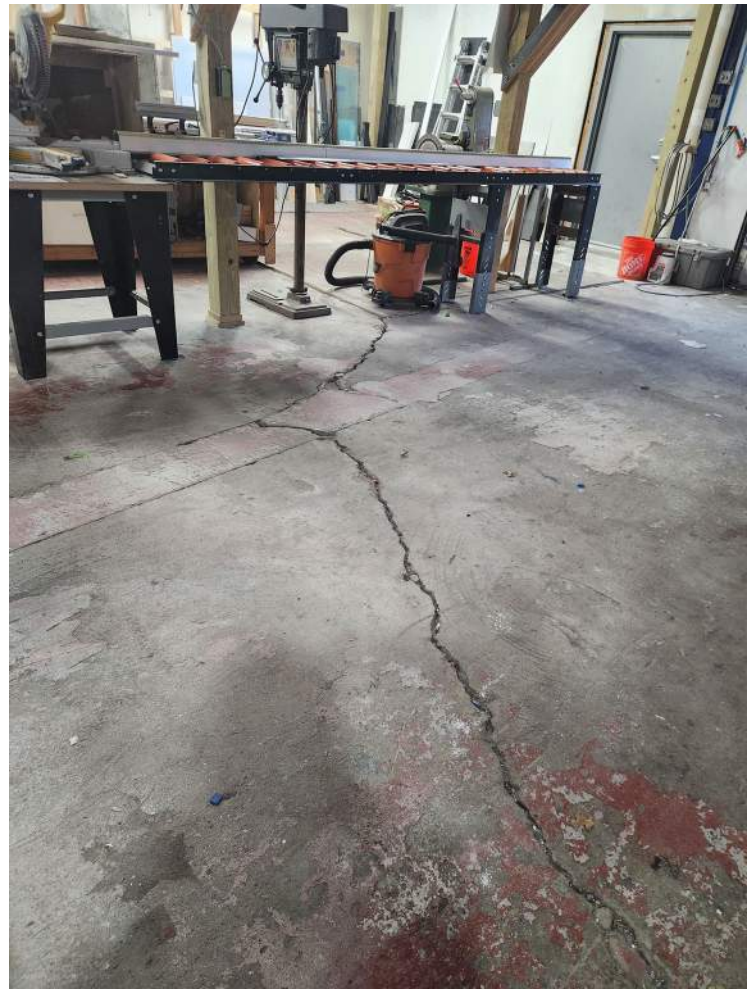
Repairs

Date repairs were completed: pending (Should be less than 30 days from inspection date)

Description of corrective measures: Corrective measures are described on a Corrective Measures Work Plan, prepared by C.T. Male, dated April 19, 2024.

It is noted that the site owner's contractor attempted to make repairs in March 2024. Access to the premises were not provided by the tenant of the 61 Water Street Building at the time.

Post-Repair Inspection:
Inspector: _____ Date: _____



Cracks in the floor slab identified at 61 Water Street in the Mirage Glass Manufacturer.



**INSTITUTIONAL CONTROLS &
SITE MANAGEMENT INSPECTION FORM**
The Wire Mill, LLC

Inspector: Rosaura Andujar-McNeil, P.E.

Inspection Date: 2/29/2024

- 1) Is the site use currently restricted to restricted residential, commercial, and/or industrial use on the portion of the property on the east side of Water Street? XYes ___No

If no, describe: _____

- 2) Is the site use currently restricted to commercial and/or industrial use on the portion of the property on the west side of Water Street (61 water Street)? XYes ___No

If no, describe: _____

- 3) If the building at 61 Water Street is no longer being used for automobile repair, has an evaluation of the suitability of the current SSDS installed at the building been performed?
___Yes XNo ___N/A

If no, describe: The building at 61 Water St. is currently used by a glass manufacturing facility, which is a comparable use to the automobile repair shop. A Corrective Measures Work Plan has been prepared to address cracks observed in the slab & assess the SSDS.

- 4) Is groundwater being used for any purpose at the site? ___Yes XNo

If yes, is it being properly treated? ___Yes ___No

If no, describe: Per the site contact, potable water at the site is provided by the local municipality.

- 5) Have all scheduled groundwater monitoring and indoor air monitoring been performed as scheduled in the last year? ___Yes XNo

If no, describe the reason for any deviation: Groundwater monitoring will performed in April 2024 per the schedule. Indoor air monitoring was performed within the heating one month after the scheduled event (January 2024 instead of December 2023).

- 6) Is a current copy of the Site Management Plan, including all DEC approved revisions, maintained on-site? X Yes No

If no, describe: _____

General Site Condition

Describe general site condition: _____
The asphalt pavement was observed to be minimally to
moderately deteriorated in the northwestern corner of the
parking lot north of the building located at 61 Water Street.
Cracks are present throughout the exterior pavement across the
Site; however, the pavement continues to provide overall
coverage of the impacted soil below.

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of this inspection: _____
Tenants materials are stored throughout the site buildings.
Self-storage units were locked and inaccessible. Vehicles
parked throughout the parking lots limited visibility of the
pavement.

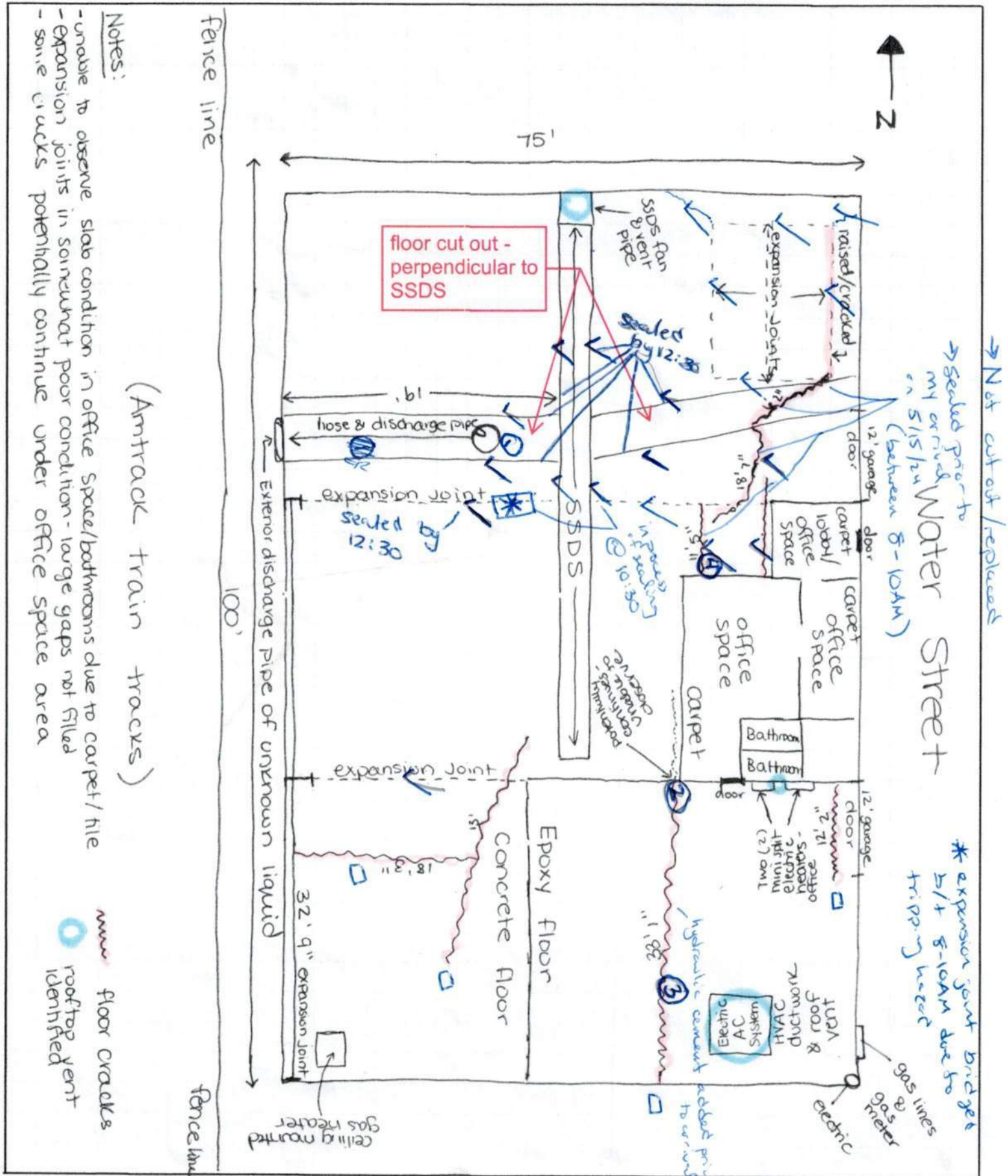
CORRECTIVE MEASURES

If any of the answers to items 1 through 7 was “No”, please complete the CORRECTIVE MEASURES section below and append additional pages or documentation, as necessary.

Description of corrective measures: Not applicable

C.T. MALE ASSOCIATES

ATTACHMENT C
CRACK SEALING AND AIR PURIFICATION DOCUMENTATION



**SECTION 1. IDENTIFICATION**

Product name : Sikaflex®-1c SL

Company name : Sika Corporation
201 Polito Avenue
Lyndhurst, NJ 07071
USA
www.sikausa.com

Telephone : (201) 933-8800

Telefax : (201) 804-1076

E-mail address : ehs@sika-corp.com

Emergency telephone : CHEMTREC: 800-424-9300
INTERNATIONAL: +1-703-527-3887

Recommended use of the chemical and restrictions on use : For further information, refer to product data sheet.

SECTION 2. HAZARDS IDENTIFICATION**GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)**

Flammable liquids : Category 4

Skin sensitization : Category 1

Carcinogenicity (Inhalation) : Category 1A

Specific target organ toxicity - repeated exposure (Inhalation) : Category 2

GHS label elements

Hazard pictograms : 

Signal Word : Danger

Hazard Statements : H227 Combustible liquid.
H317 May cause an allergic skin reaction.
H350 May cause cancer by inhalation.
H373 May cause damage to organs through prolonged or repeated exposure if inhaled.



Precautionary Statements

:

Prevention:

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat/ sparks/ open flames/ hot surfaces.
No smoking.

P260 Do not breathe mist or vapors.

P272 Contaminated work clothing must not be allowed out of the workplace.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 Store in a well-ventilated place.

P405 Store locked up.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Additional LabelingThere are no ingredients with unknown acute toxicity used in a mixture at a concentration $\geq 1\%$.**Other hazards**

Intentional misuse by deliberate concentration and inhalation of vapor may be harmful or fatal.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**Mixtures****Components**

Chemical name	CAS-No.	Classification	Concentration (% w/w)
xylene	1330-20-7	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2A; H319 STOT SE 3; H335 STOT RE 2; H373	$\geq 1 - < 5$



Isophoronedialdimine	932742-30-8	Asp. Tox. 1; H304 Skin Sens. 1B; H317	>= 1 - < 5
ethylbenzene	100-41-4	Flam. Liq. 2; H225 Acute Tox. 4; H332 STOT RE 2; H373 Asp. Tox. 1; H304 Eye Irrit. 2A; H319	>= 0.1 - < 1
Aliphatic polyisocyanate	28182-81-2	Acute Tox. 4; H332 Skin Sens. 1; H317 STOT SE 3; H335	>= 0.1 - < 1
Quartz (SiO ₂) >5µm	14808-60-7	Carc. 1A; H350i STOT RE 1; H372 STOT SE 3; H335	>= 0.1 - < 1

Actual concentration is withheld as a trade secret

SECTION 4. FIRST AID MEASURES

General advice	: Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	: Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	: Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Do not induce vomiting without medical advice. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	: sensitizing effects Allergic reactions May cause an allergic skin reaction. May cause cancer by inhalation. May cause damage to organs through prolonged or repeated exposure if inhaled.
Notes to physician	: Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Carbon dioxide (CO₂)



Unsuitable extinguishing media	:	Water
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment. Deny access to unprotected persons.
Environmental precautions	:	Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Advice on safe handling	:	Do not breathe vapors or spray mist. Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitization problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products.
Conditions for safe storage	:	Store in original container. Keep in a well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Store in accordance with local regulations.
Materials to avoid	:	Explosives Oxidizing agents



Poisonous gases
Poisonous liquids

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
xylene	1330-20-7	TWA	100 ppm 435 mg/m ³	OSHA Z-1
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
		STEL	150 ppm 655 mg/m ³	OSHA P0
		TWA	100 ppm 435 mg/m ³	OSHA P0
ethylbenzene	100-41-4	TWA	100 ppm 435 mg/m ³	OSHA Z-1
		TWA	100 ppm 435 mg/m ³	OSHA P0
		STEL	125 ppm 545 mg/m ³	OSHA P0
		TWA	20 ppm	ACGIH
Quartz (SiO ₂) >5µm	14808-60-7	TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
		TWA (Respirable dust)	0.05 mg/m ³	OSHA Z-1
		TWA (respirable)	10 mg/m ³ / %SiO ₂ +2	OSHA Z-3
		TWA (respirable)	250 mppcf / %SiO ₂ +5	OSHA Z-3
		TWA (respirable dust fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m ³ (Silica)	ACGIH
		PEL (respirable)	0.05 mg/m ³	OSHA CARC
		TWA (respirable dust fraction)	0.1 mg/m ³	OSHA P0
		TWA (Respirable particulate matter)	0.025 mg/m ³	ACGIH
		TWA (Res-	0.025 mg/m ³	ACGIH



		pirable par- ticulate mat- ter)	(Silica)	

The above constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Engineering measures : Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits.

Personal protective equipment

Respiratory protection : Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used.

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Eye protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.

Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Hygiene measures : Avoid contact with skin, eyes and clothing.
Wash hands before breaks and immediately after handling the product.
Remove respiratory and skin/eye protection only after vapors have been cleared from the area.
Remove contaminated clothing and protective equipment before entering eating areas.
Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : viscous liquid

Color : various



Odor	: aromatic
Odor Threshold	: No data available
pH	: Not applicable
Melting point/range / Freezing point	: No data available
Boiling point/boiling range	: No data available
Flash point	: 187.00 °F / 86.11 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapor pressure	: 0.01 hpa
Relative vapor density	: No data available
Density	: 1.25 - 1.29 g/cm3
Solubility(ies)	
Water solubility	: insoluble
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Autoignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Viscosity, kinematic	: > 20.5 mm2/s
Explosive properties	: No data available
Oxidizing properties	: No data available
Volatile organic compounds (VOC) content	: 32.5 g/l

SECTION 10. STABILITY AND REACTIVITY



Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: The product is chemically stable.
Possibility of hazardous reactions	: Stable under recommended storage conditions.
Conditions to avoid	: Extremes of temperature and direct sunlight.
Incompatible materials	: No data available
Hazardous decomposition products	: No decomposition if stored and applied as directed.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

xylene:

Acute oral toxicity	: LD50 Oral (Rat): 3,523 mg/kg
Acute dermal toxicity	: LD50 Dermal (Rabbit): 1,700 mg/kg

Isophoronedialdimine:

Acute oral toxicity	: LD50 Oral (Rat): > 2,000 mg/kg
Acute dermal toxicity	: LD50 Dermal (Rabbit): > 2,000 mg/kg

ethylbenzene:

Acute oral toxicity	: LD50 Oral (Rat): 3,500 mg/kg
Acute dermal toxicity	: LD50 Dermal (Rabbit): 5,510 mg/kg

Aliphatic polyisocyanate:

Acute oral toxicity	: LD50 Oral (Rat): > 2,500 mg/kg
Acute inhalation toxicity	: LC50: 1.5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgment
Acute dermal toxicity	: LD50 Dermal (Rat): > 2,000 mg/kg

Skin corrosion/irritation

Not classified based on available information.

**Serious eye damage/eye irritation**

Not classified based on available information.

Respiratory or skin sensitization**Skin sensitization**

May cause an allergic skin reaction.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

May cause cancer by inhalation.

IARC	Group 1: Carcinogenic to humans	
	Quartz (SiO ₂)	14808-60-7
	(Silica dust, crystalline)	
	Group 2B: Possibly carcinogenic to humans	
	Titanium dioxide (> 10 µm)	13463-67-7
	Group 2B: Possibly carcinogenic to humans	
	Carbon black	1333-86-4
	Group 2B: Possibly carcinogenic to humans	
	ethylbenzene	100-41-4
OSHA	OSHA specifically regulated carcinogen	
	Quartz (SiO ₂)	14808-60-7
	(crystalline silica)	
NTP	Known to be human carcinogen	
	Quartz (SiO ₂)	14808-60-7
	(Silica, Crystalline (Respirable Size))	

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks : Carbon black (1333-86-4)
Animal Toxicity:
 Rat, oral, duration 2 year
 Effect: no tumors



Mouse, oral, duration 2 years

Effect: no tumors

Mouse, dermal, duration 18 months

Effect: no skin tumors

Rat, inhalation, duration 2 years

Target organ: lungs

Effect: inflammation, fibrosis, tumors

Note: Tumors in the rat lung are considered to be related to the "particle overload phenomenon" rather than to a specific chemical effect of carbon black itself in the lung. These effects in rats have been reported in many studies on other poorly soluble inorganic particles and appear to be rat specific. Tumors have not been observed in other species (i.e., mouse and hamster) for carbon black or other poorly soluble particles under similar circumstances and study conditions.

Mortality studies (human data): A study on carbon black production workers in the UK (Sorahan, 2001) found an increased risk of lung cancer in two of the five plants studied; however, the increase was not related to the dose of carbon black. Thus, the authors did not consider the increased risk in lung cancer to be due to carbon black exposure. A German study of carbon black workers at one plant (Morfeld, 2006; Buechte, 2006) found a similar increase in lung cancer risk but, like the Sorahan, 2001 (UK study) found no association with carbon black exposure. A large US study of 18 plants showed a reduction in lung cancer risk in carbon black production workers (DEll, 2006). Based upon these studies, the February 2006 Working Group at the International Agency for Research on Cancer (IARC) concluded that the human evidence for carcinogenicity was inadequate (IARC, 2010). Since the IARC evaluation of carbon black, Sorahan and Harrington (2007) have re-analyzed the UK study data using an alternative exposure hypothesis and found a positive association with carbon black exposure in two of the five plants. The same exposure hypothesis was applied by Morfeld and McCunney (2009) to the German cohort; in contrast, they found no association between carbon black exposure and lung cancer risk and, thus, no support for the alternative exposure hypothesis used by Sorahan and Harrington.

Overall, as a result of these detailed investigations, no causative link between carbon black exposure and cancer risk in humans has been demonstrated.

IARC CANCER CLASSIFICATION: In 2006 IARC re-affirmed its 1995 finding that there is "inadequate evidence" from human health studies to assess whether carbon black causes cancer in humans. IARC concluded that there is "sufficient evidence" in experimental animal studies for the carcinogenicity of carbon black. IARC's overall evaluation is that carbon black is "possibly carcinogenic to humans" (Group 2B)". This conclusion was based on IARC's guidelines, which generally require such a classification if one species exhibits carcinogenicity in two or more animal studies (IARC, 2010).



Solvent extracts of carbon black were used in one study of rats in which skin tumors were found after dermal application and several studies of mice in which sarcomas were found following subcutaneous injection. IARC concluded that there was "sufficient evidence" that carbon black extracts can cause cancer in animals (Group 2B).

ICGIH CANCER CLASSIFICATION: Confirmed Animal Carcinogen with Unknown Relevance to Humans (Category A3 Carcinogen).

ASSESSMENT: Applying the guidelines of self-classification under the Globally Harmonized System of Classification and Labeling of Chemicals, carbon black is not classified as a carcinogen. Lung tumors are induced in rats as a result of repeated exposure to inert, poorly soluble particles like carbon black and other poorly soluble particles. Rats tumors are a result of a secondary non-genotoxic mechanism that has questionable relevance for classification in humans. In support of this opinion, the CLP Guidance for Specific Target Organ Toxicity - Repeated Exposure (STOT-RE), cites lung overload under mechanisms not relevant to humans. Human health studies show that exposure to carbon black does not increase the risk to carcinogenicity.

Titanium dioxide (13463-67-7)

In lifetime inhalation studies of rats, airborne respirable-size titanium dioxide particles have shown to cause an increase in lung tumors at concentrations associated with substantial particle lung burdens and consequential pulmonary overload and inflammation. The potential for these adverse health effects appears to be closely related to the particle size and the amount of the exposed surface area that comes into contact with the lung. However, tests with other laboratory animals such as mice and hamsters, indicate that rats are significantly more susceptible to the pulmonary overload and inflammation that causes lung cancer. Epidemiological studies do not suggest an increased risk of cancer in humans from occupational exposure to titanium dioxide. Titanium dioxide has been characterized by IARC as possibly carcinogenic to humans (Group 2B) through inhalation (not ingestion). It has not been characterized as a potential carcinogen by either NTP or OSHA.

Quartz (14808-60-7): This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.



SECTION 12. ECOLOGICAL INFORMATION**Ecotoxicity****Components:****xylene:**

Toxicity to algae/aquatic plants : EC50 (Pseudokirchneriella subcapitata (green algae)): 2.2 mg/l
Method: OECD Test Guideline 201

Toxicity to fish (Chronic toxicity) : NOEC (Oncorhynchus mykiss (rainbow trout)): > 1.3 mg/l
Exposure time: 56 d

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : NOEC (Daphnia): 1.17 mg/l
Exposure time: 7 d

Isophoronedialdimine:

Toxicity to fish : LC50 (Fish): 87.2 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia): > 100 mg/l
Exposure time: 48 h

Toxicity to algae/aquatic plants : EC50 (Desmodesmus subspicatus (green algae)): 180.4 mg/l
Exposure time: 72 h

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other adverse effects**Product:**

Additional ecological information : Do not empty into drains; dispose of this material and its container in a safe way.
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

SECTION 13. DISPOSAL CONSIDERATIONS**Disposal methods**

Waste from residues : Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.



Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Domestic regulation

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

TSCA list : All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)
xylene	1330-20-7	100

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : Flammable (gases, aerosols, liquids, or solids)
Respiratory or skin sensitization
Carcinogenicity
Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

xylene	1330-20-7	>= 1 - < 5 %
ethylbenzene	100-41-4	>= 0.1 - < 1 %

Clean Air Act

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):
xylene 1330-20-7 >= 1 - < 5 %

California Prop. 65

⚠ WARNING: This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer, and 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl



esters, C10-rich, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

SECTION 16. OTHER INFORMATION

Full text of other abbreviations

ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)
OSHA CARC	:	OSHA Specifically Regulated Chemicals/Carcinogens
OSHA P0	:	USA. Table Z-1-A Limits for Air Contaminants (1989 vacated values)
OSHA Z-1	:	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
OSHA Z-3	:	USA. Occupational Exposure Limits (OSHA) - Table Z-3 Mineral Dusts
ACGIH / TWA	:	8-hour, time-weighted average
ACGIH / STEL	:	Short-term exposure limit
OSHA CARC / PEL	:	Permissible exposure limit (PEL)
OSHA P0 / TWA	:	8-hour time weighted average
OSHA P0 / STEL	:	Short-term exposure limit
OSHA Z-1 / TWA	:	8-hour time weighted average
OSHA Z-3 / TWA	:	8-hour time weighted average

Notes to Reader

The information contained in this Safety Data Sheet applies only to the actual Sika Corporation ("Sika") product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified Sika product in combination with any other material, product or process. All of the information set forth herein is based on technical data regarding the identified product that Sika believes to be reliable as of the date hereof. Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's current Product Data Sheet, product label and Safety Data Sheet for each Sika product, which are available at web site and/or telephone number listed in Section 1 of this SDS.

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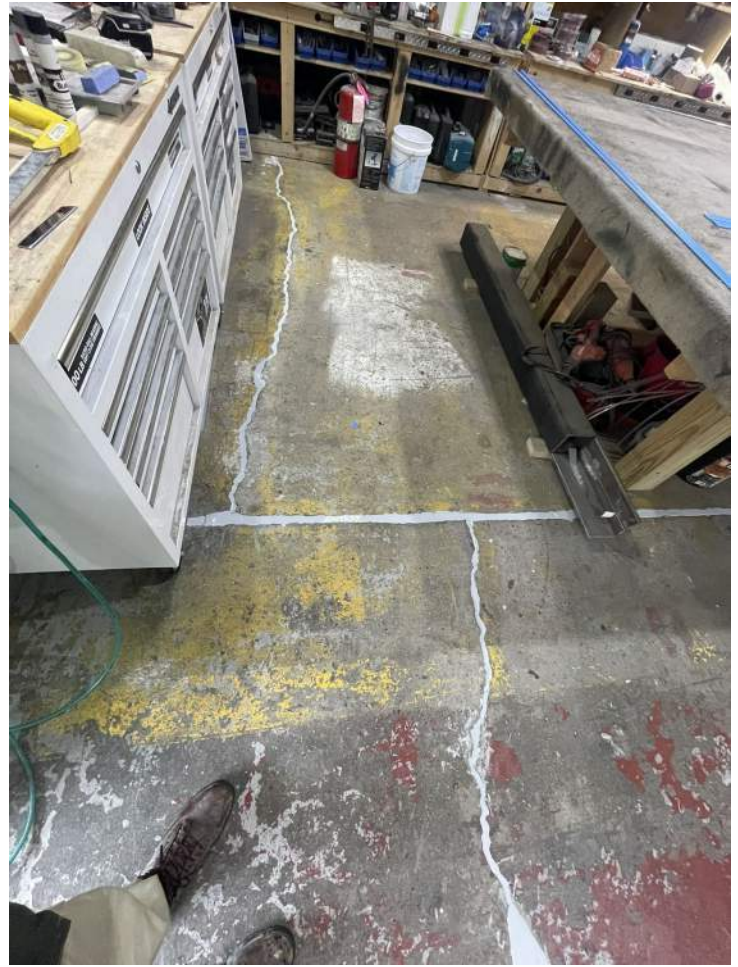
Revision Date 04/12/2022

100000034340
US / Z8

Sealed Slab Cracks at 61 Water Street



01 - Sikaflex-1c-SL



02 - Area Adjoining Office



03 - Northeastern Portion of 61 Water St.

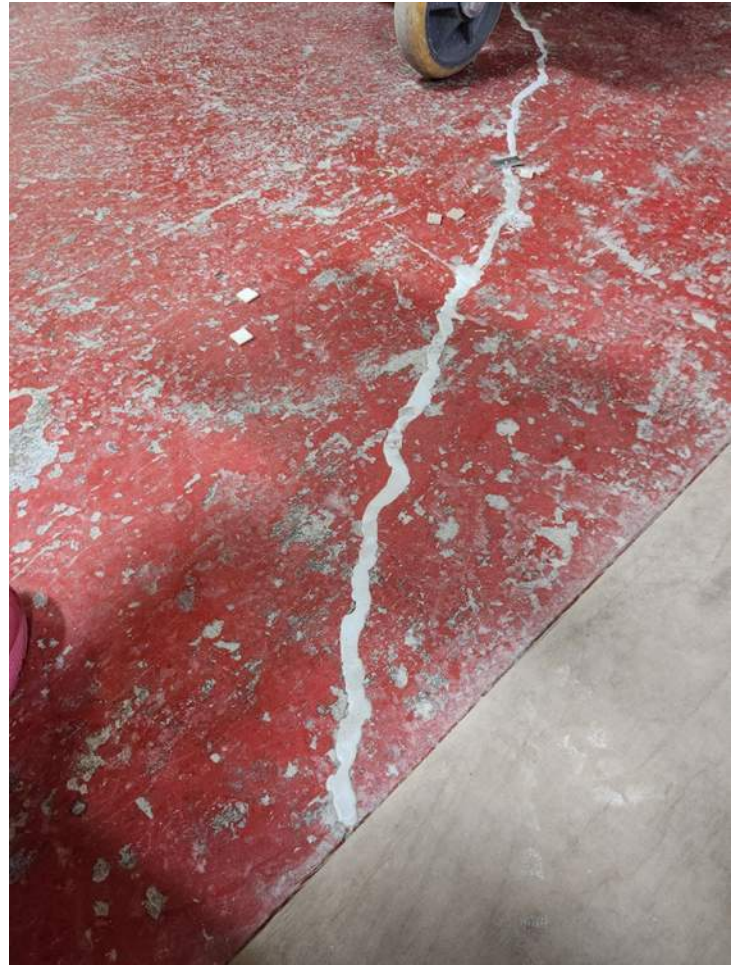


04 - Northeastern Portion of 61 Water St.

Sealed Slab Cracks at 61 Water Street



05 - Northern Central Portion of 61 Water St.



06 - Central Portion of 61 Water St.



07 - Southwestern Portion of 61 Water St.



08 - Southern Portion of 61 Water St.

61 Water Street Air Purifiers



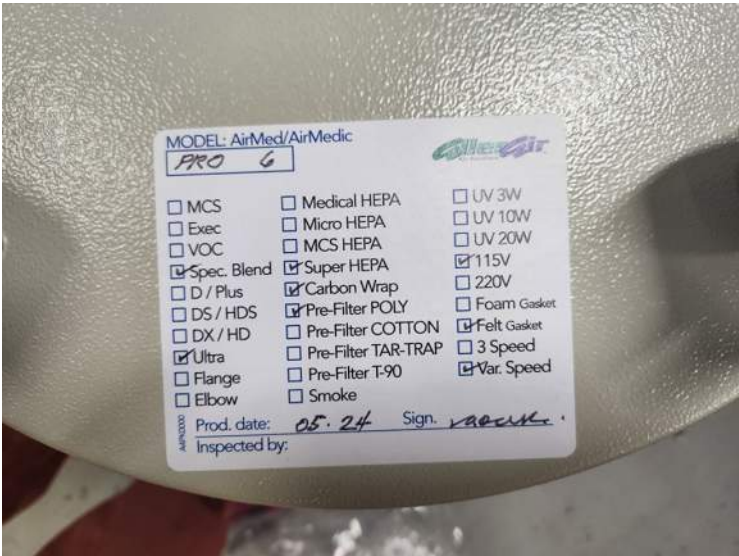
01 - Air Filter Top View



02 - Air Filter Bottom View



03 - Air Filter Side View



04 - Model Specs



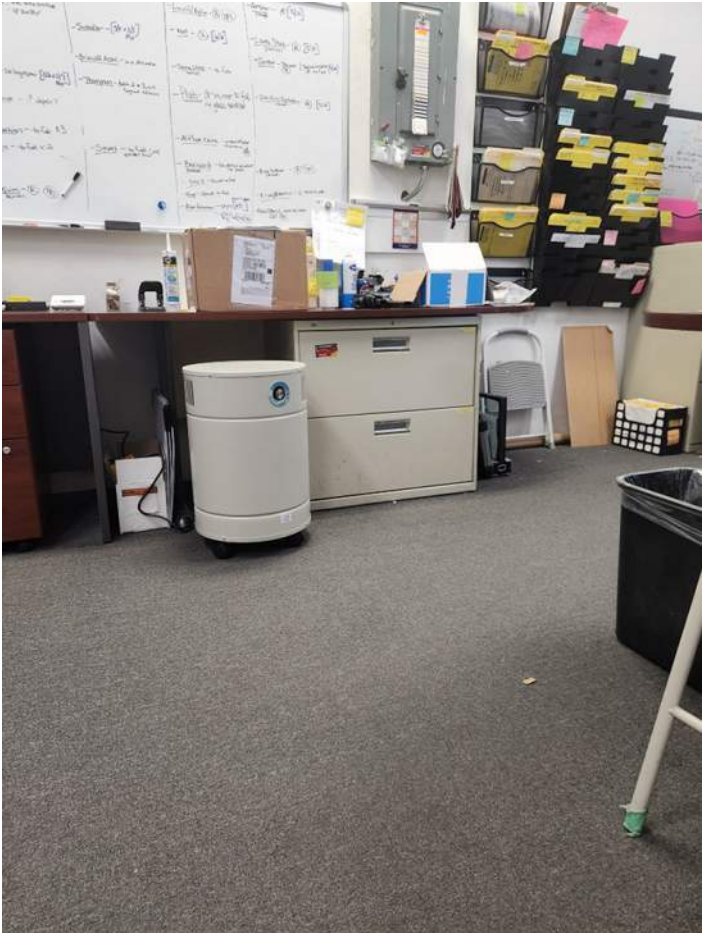
05 - Voltage Specs



06 - Air Filter 1



07 - Air Filter 2



08 - Air Filter 3

ENGINEERED CONTROL INSPECTION FORM

Former Hudson Wire Mill

Inspector: Rosaura Andujar-McNeil, P.E. Inspection Date: 2/29/2024

ENGINEERED CONTROL OBSERVATIONS

- 1) Sub-slab pressure differential measured at sample tap located in:

Zone A -0.052 inches of water column
Zone B -0.015 inches of water column
Zone C -0.884 inches of water column
Zone D -0.012 inches of water column
Zone E -0.050 inches of water column

The U-manometer reading the SSDS at 61 Water Street (located in the riser pipe) was approximately 0.8 in. w.c.

* Readings presented are averages of three (3) consecutive readings at each sample tap.

- 2) Are cracks or other damage to the Concrete Floor Slab present in:

Zone A Yes X No
Zone B Yes X No
Zone C Yes X No
Zone D Yes X No
Zone E Yes X No
61 Water Street X Yes No

If yes, describe (Attach photos and/or site sketch if appropriate):
Cracks were identified in the floor slab of the 61 Water Street building. See attached photos.

- 3) Damage to the Aboveground SSDS Piping in:

Zone A Yes X No
Zone B Yes X No
Zone C Yes X No
Zone D Yes X No
Zone E Yes X No
61 Water Street Yes X No

If yes, describe (Attach photos and/or site sketch if appropriate): Not applicable

4) Damage to the SSDS Vent Stack in:

Zone A ☐ Yes ☒ No
Zone B ☐ Yes ☒ No
Zone C ☐ Yes ☒ No
Zone D ☐ Yes ☒ No
Zone E ☐ Yes ☒ No
61 Water Street ☐ Yes ☒ No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

5) Damage to the SSDS Fan in:

Zone A ☐ Yes ☒ No
Zone B ☐ Yes ☒ No
Zone C ☐ Yes ☒ No
Zone D ☐ Yes ☒ No
Zone E ☐ Yes ☒ No
61 Water Street ☐ Yes ☒ No

If yes, describe (Attach photos and/or sketch if appropriate): Not applicable

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of the inspection (e.g., part of the slab in Bldg. 11 was covered by tenant's stored materials):

Several areas were covered by tenants materials and storage units.

CORRECTIVE MEASURES

If the pressure differential measured for item 1 was not at least -0.002 inches of water column or any of the answers to items 2 through 5 were “Yes”, please complete the Corrective Measures section below and append additional pages or documentation, as necessary.

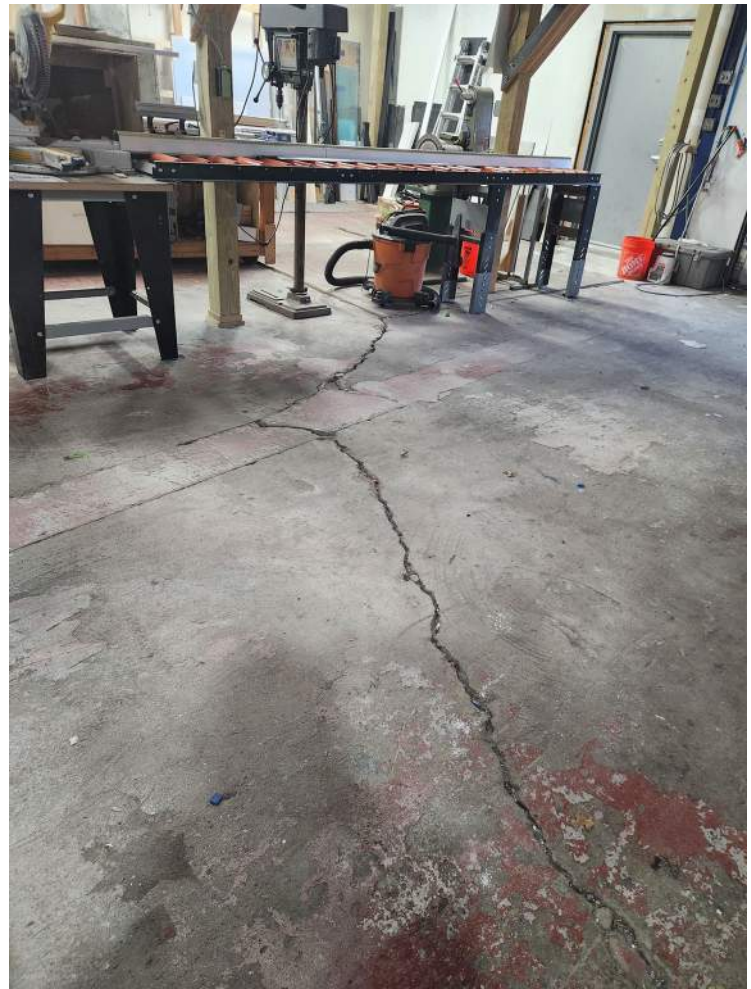
Repairs

Date repairs were completed: pending (Should be less than 30 days from inspection date)

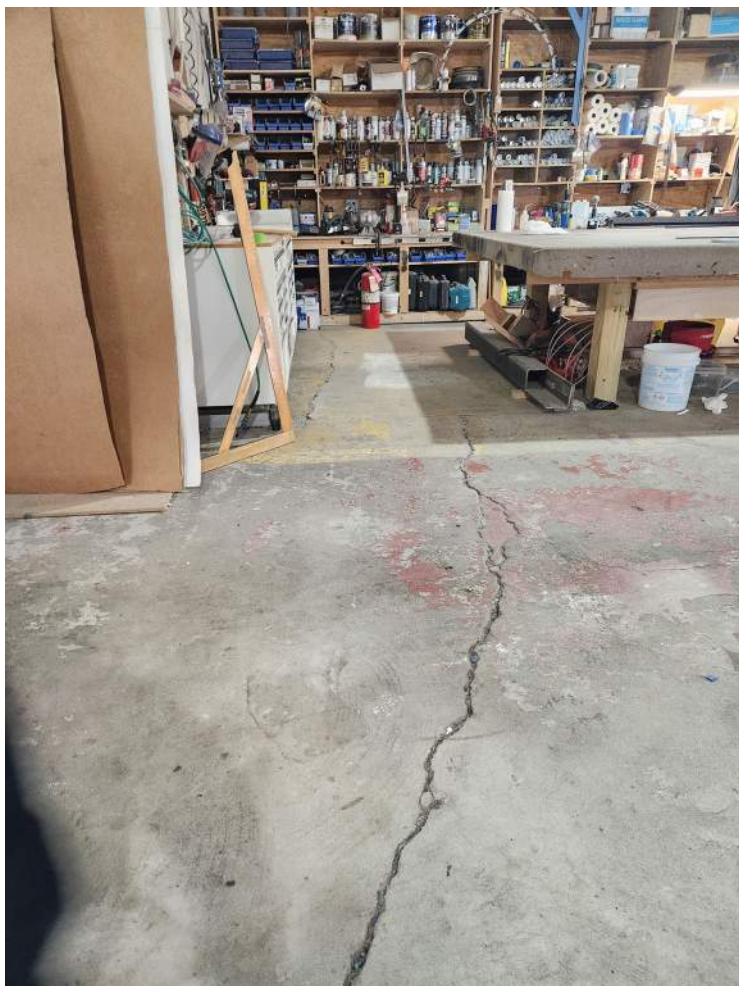
Description of corrective measures: Corrective measures are described on a Corrective Measures Work Plan, prepared by C.T. Male, dated April 19, 2024.

It is noted that the site owner's contractor attempted to make repairs in March 2024. Access to the premises were not provided by the tenant of the 61 Water Street Building at the time.

Post-Repair Inspection:
Inspector: _____ Date: _____



Cracks in the floor slab identified at 61 Water Street in the Mirage Glass Manufacturer.



**INSTITUTIONAL CONTROLS &
SITE MANAGEMENT INSPECTION FORM**
The Wire Mill, LLC

Inspector: Rosaura Andujar-McNeil, P.E.

Inspection Date: 2/29/2024

- 1) Is the site use currently restricted to restricted residential, commercial, and/or industrial use on the portion of the property on the east side of Water Street? XYes ___No

If no, describe: _____

- 2) Is the site use currently restricted to commercial and/or industrial use on the portion of the property on the west side of Water Street (61 water Street)? XYes ___No

If no, describe: _____

- 3) If the building at 61 Water Street is no longer being used for automobile repair, has an evaluation of the suitability of the current SSDS installed at the building been performed?
___Yes XNo ___N/A

If no, describe: The building at 61 Water St. is currently used by a glass manufacturing facility, which is a comparable use to the automobile repair shop. A Corrective Measures Work Plan has been prepared to address cracks observed in the slab & assess the SSDS.

- 4) Is groundwater being used for any purpose at the site? ___Yes XNo

If yes, is it being properly treated? ___Yes ___No

If no, describe: Per the site contact, potable water at the site is provided by the local municipality.

- 5) Have all scheduled groundwater monitoring and indoor air monitoring been performed as scheduled in the last year? ___Yes XNo

If no, describe the reason for any deviation: Groundwater monitoring will performed in April 2024 per the schedule. Indoor air monitoring was performed within the heating one month after the scheduled event (January 2024 instead of December 2023).

- 6) Is a current copy of the Site Management Plan, including all DEC approved revisions, maintained on-site? X Yes No

If no, describe: _____

General Site Condition

Describe general site condition: _____
The asphalt pavement was observed to be minimally to
moderately deteriorated in the northwestern corner of the
parking lot north of the building located at 61 Water Street.
Cracks are present throughout the exterior pavement across the
Site; however, the pavement continues to provide overall
coverage of the impacted soil below.

INSPECTION LIMITATIONS

Describe any conditions that limited the completeness of this inspection: _____
Tenants materials are stored throughout the site buildings.
Self-storage units were locked and inaccessible. Vehicles
parked throughout the parking lots limited visibility of the
pavement.

CORRECTIVE MEASURES

If any of the answers to items 1 through 7 was "No", please complete the CORRECTIVE MEASURES section below and append additional pages or documentation, as necessary.

Description of corrective measures: Not applicable

C.T. MALE ASSOCIATES

ATTACHMENT D
DETAILED CHEMICAL INVENTORY - MAY 2024

Product Inventory
61 Water Street, Ossining, New York
Shelving Adjoining Office (Northeastern Portion of the Building)
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Glass cleaner SW-050	Sprayway	15+	19 oz / 539 g	metal spray can	alcohol, butoxyethanol, propane, t butyl alcohol, butane
All Purpose Interior and Exterior Primer	KILZ 2	1	128 fl oz / 3.79 L	metal paint can	limestone, tianium dioxide, quartz, 5-chloro-2-methyl-2H-isothiazol-3-one
Interior Paint and Primer, Satin, Pure White, GLN6211N	Glidden	1	31 fl oz / 916 mL	metal paint can	titanium dioxide
Acetone	sunnyside	1	1 gallon / 3.785 L	metal container	acetone
Premium Performance Autotransmission fluid ATF+4	Napa	1	1 qt / .946 L	plastic bottle	hydrotreated light paraffinic distillate, heavy paraffinic distillate, mineral oil, benzene, dodecyl hydroxypropyl sulfide, polymer
228/286)	Benzomatic	2	14 oz / 400 g	gas canister	propane, propylene, ethane, ethyl mercaptan
Surface Disinfectant	Renegade Products Home and Busi	1	16 fl oz / 474 mL	plastic spray bottle	ethyl alcohol
100% Silicone Sealant Item #4045036	DOWSIL	12	10.3 fl oz / 305 mL	caulk bottle	silicon dioxide
Silicone Sealant (various colors)	CR Laurence Co (CRL)	100+	10.3 fl oz / 305 mL	caulk bottle	aluminum
895 NST	Pecora Corporation	5-10	10 fl oz / 300 mL	caulk bottle	Proprietary Polydimethyl Siloxane, Calcium Carbonate, Organic Methyl Silane, Proprietary Mineral Spirits (contains less than 0.1% benzene), Proprietary Cyclosiloxane, Proprietary Phenylated Ketoxomio Silane, Quartz, Carbon Black
Extra Build Mirror Mastic Gunther	CR Laurence Co (CRL)	5-10	10 fl oz / 300 mL	caulk bottle	Kaolin, Naphtha (petroleum), hydrotreated light, Distillates (petroleum), hydrotreated light, toluene
SCS2000 SilPruf	GE	5-10	10 fl oz / 300 mL	caulk bottle	calcium carbonate, titanium dioxide, octadecanoic acid, octamethylcyclotetrasiloxane
Metal, Plastic, and Fiberglass Polish Mill Spec. #P 6888C	FLITZ	1		metal paint can	isoalkanes,cyclics, Hydrocarbons, C13-C16, iso-alkans , cyclics, Hydrocarbons, C13-C18, n-alkanes, isoalkanes, Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, Amides, C8-C18 (even
Epoxy Steel Hardener Twin Tubes	J-B Weld Professional	1	5 oz / 142 g	tube	Limestone, Phenol, Talc, Formaldehyde, 1-4-bris butane, glass oxide
Enzyme Fuel Treatment	Star Tron	1	8 fl oz / 237 mL	plastic Bottle	petroleum distillates, kerosine petroleum
360 Marine Ethanol Treatment and Stabilizer	STA-BIL	1	8 fl oz / 236 mL	plastic bottle	isoparaffins petroleum hydrotreated HEP + additives proprietary
Diamond Blue Wash	Diamond Blue	2+	unknown	plastic bottle	"Hazardous ingredients: None known" - Per SDS.
Carpenters Wood Glue	Elmers	1	16 fl oz / 474 mL	plastic bottle	"Nonhazardous ingredients" - Per SDS.
plastic wood all purpose wood filler	DAP	1	8 oz / 226 g	plastic tub	limestone, fly ash, titanium dioxade, quartz, attapulgite, phenolphthalein
Carpenters Wood Filler Interior	Elmers	1	8 oz / 226 g	plastic tub	"Nonhazerdous substance" - Per SDS.

Key	
	Ingredients listed on can. No PCE/TCE listed.
	Ingredients listed on Safety Data Sheet. No PCE/TCE listed. Safety Data Sheet obtained from readily available online sources.
	Ingredients listed on can. PCE/TCE listed.
	Ingredients listed on Safety Data Sheet. PCE/TCE listed. Safety Data Sheet obtained from readily available online sources.
	Information Unavailable.

Product Inventory
61 Water Street, Ossining, New York
Shelving Adjoining Office (Northeastern Portion of the Building)
May 16, 2024

Premium Wood Glue Water Resistant Interior Exterior	Titebond	1	8 oz / 237 mL	plastic squeeze bottle	"There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section." - Per SDS.
Wood Glue	Gorilla	1	18 fl oz / 532 mL	plastic bottle	water, vinyl acetate polymer, aluminum chloride hexahydrate, 2 propanol 1 phenoxy-
Weldwood Contact Cement- The Original Interior/Exterior	DAP	1	3 fl oz / 88.7 mL	metal can	Toluene, MEK, Light aliphatic solvent naptha, n-Heptane, magnesium oxide fume
Gel twist threadlocker blue US#24010 CDN#24215	Permatex	1	0.35 oz / 10 g	plastic tube	dimethylbenzyl hydroperoxide, titanium dioxide, cumene
WD-40	WD-40	1	3 oz / 84 g	metal can	LVP aliphatic hydrocarbon, petroleum base oil, aliphatic hydrocarbon, carbon dioxide
StraitLine Marking Chalk Red	Irwin	1	8 oz / 227 g	plastic bottle	calcium carbonate, red iron oxide, silica crystalline/qtz
StraitLine Marking Chalk Blue	Irwin	1	8 oz / 227 g	plastic bottle	calcium carbonate, sodium aluminosulphosilicate, ultramarine blue 29, crystalline silica / qtz
Flex Tape White	Flex Tape	1	4" x 5'	roll	"pressure sensitive tape", "no health effects anticipated" - Per SDS.
Loctite SF 7649 Primer Part 19269	Henkel	1	1.75 fl oz	glass bottle	acetone, 2 ethylhexanoic acid
Fast Drying Polyurethane Clear Satin	Minwax	3	32 fl oz	metal can	med aliphatic hydrocarbon solvent, light aliphatic hydrocarbon, zirconium 2-ethylhexanoate, methyl ethyl ketoxime
Multi surface stain blocking primer and sealer (436 or 486) (41012573)	BEHR	1	unknown	metal can	ethylene glycol
Molecular Sieve Adsorbent SLN20417___	CR Laurence Co (CRL)	1	5 lbs	metal can	zeolite, silicone oxide
DYNAFLEX ULTRA advnaed exterior sealant window door siding and trim	DAP	1	10.1 fl oz / 300 mL	plastic caulk tube	limestone white mineral oil silica amorphous
Regal Select Interior satin/pearl base 1 N550 1X	Benjamin Moore	1	unknown	metal can	titanium dioxide, kaolin, sodium C14-C16 olefin sulfonate
Advanced waterborne interior alkyd semi gloss white	Benjamin Moore	1	unknown	metal can	titanium dioxide, silica amorphous, tetramethyl-5-decyne-4, 7-diol, 2,4,7,9
Regal Acrylic Paint Eggshell Finish	Benjamin Moore	5	unknown	metal can	titanium dioxide, nepheline syenite, limestone, silica amorphous, kaolin, trimethylolpropane
Semitransparent waterbrone stain	Superdeck	1	unknown	metal can	UV Light Absorber, benzotriazole hydroxylphenyl polymer, titanium dioxide, heavy paraffinic oil
Wood Toned Deck and Stain Sealer 9200 Natural	Cabot	1	unknown	metal can	2 propoxyethanol, 3 Iodo 2 propynyl butyl carbamate, MEK, hydrotreated geavy petroleum naphtha, cobalt neodecanoate
All purpose joint compound	Sheetrock	1	12 lb / 5.44 kg	plastic tub	limestone, dolomite, gypsum, mica, vunyl acetate, ethylene vinyl acetate, attapulgite, talc
Contractor Grade Glazing Compound	Wonder Putty	1	128 gl oz	plastic tub	Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)
Molten Metallics Bronze 621 60	Benjamin Moore	1	32 fl oz / 946 mL	metal can	stoddard solvent, solvent naphtha, aluminum, solvent naphtha, carbon black, cobalt, MEK
ben premium flat interior paint and primer base 4 W625 4X	Benjamin Moore	1	29 fl oz / 857 mL	metal can	nepheline syenite

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Windsheild Washer Fluid All Season Formula	Krystal Clear	3	1 Gallon / 3.78 L	plastic jug	Methanol
De-Icer windshield washer fluid	rain-x	1	1 Gallon / 3.78 L	plastic jug	Methyl Alcohol
Antifreeze + Coolant 50/50 Prediluted	PEAK	1	1 Gallon / 3.78 L	plastic jug	Ethylene Glycol
2 Cycle Engine Oil	Do it Best	1	8 fl. Oz. / 236.5 mL	plastic bottle	Residual oils (petroleum, solvent refined, solvent dewaxed heavy paraffinic distillates (petroleum), distillates (petroleum) hydrotreated light
tuscania	novacolor	1		plastic bucket	1-2-benzisothiazol=3(2H)-one, 2-methyl-2H-isothiazol-3-one, reaction mass of 5chloro-2-methyl-4isothiazolin-3-one [EC no. 247-500-7] and 2methyl-2H-isothiazol-3one [EC no. 220-239-6] (3:1) CAS 55965-84-9
5W-20 Motor Oil	Mobil	1	5 quarts / 4.73 L	plastic jug	diphenylamine 122-39-4 , phenol, 4,4- methylenebis 118-82-1 , zinc dithiophosphate 68649-42-3
Chain Wax	Maxima	2	5.5 Oz (156 GM)	aerosol spray can	Petroleum gas, n-Hexane, 2-propanone, petroleum hydrocarbon, aliphatic hydrocarbons
Hornet Wasp Jet-Bomb II	shoo-fly	1	12 oz / 340 g	aerosol spray can	petroleum distillate
Match-Up Paint, Med Bronze, 3368521	CR Laurence Co (CRL)	3-5	unknown	aerosol spray can	acetone, propane blend, isobutyl acetate, VM&P Naptha, Titanium Dioxide, Isopropyl Alcohol, Ethylene glycol mono-butyl ether, methyl ethyl ketone, phenylethane
Match-Up Paint, Bronze, L-6515	CR Laurence Co (CRL)	3-5	unknown	aerosol spray can	acetone, propane blend, isobutyl acetate, VM&P Naptha, Titanium Dioxide, Isopropyl Alcohol, Ethylene glycol mono-butyl ether, methyl ethyl ketone, phenylethane
Match-Up Paint, Dark Bronze, L-4485	CR Laurence Co (CRL)	3-5	unknown	aerosol spray can	acetone, propane blend, isobutyl acetate, VM&P Naptha, Titanium Dioxide, Isopropyl Alcohol, Ethylene glycol mono-butyl ether, methyl ethyl ketone, phenylethane
Bio-Clean Water Stain Remover	CR Laurence Co (CRL)	5-10	16 fl. Oz / 473 mL	plastic bottle	Silica(1480-60-7) 35-40 % WT, C9-11 Alcohol Ethoxyl
Professional Touch Up Paint Matte Black SP8BL	CR Laurence Co (CRL)	3-5	12 oz / 340 g	aerosol spray can	acetone (67-64-1), propane (74-98-6), n-butane (106-97-8), n-butyl acetate (123-86-4), propylene
Polishing Oil CRL920	CR Laurence Co (CRL)	5-10	11 oz / 312 g	aerosol spray can	White Mineral Oil 8042-47-5, Naptha (petroleum) hydrotreated light 64742-49-0, propane 74-98-6, n-Heptane 142-82-5, pine oil 8002-09-3
Stainless Steel Cleaner	CR Laurence Co (CRL)	5-10	15 oz / 425 g	aerosol spray can	petroleum gases 68476-85-7, Hydrocarbons, C11-C12, isoalkanes, <2% aromatics, Hydrocarbons C11-C13 Isoalkanes <2% aromatics 90622-58-5
"Sparkle" Cleaner and Stain Remover Cat. No. SP101	CR Laurence Co (CRL)	1	8 fl oz / 236 mL	plastic bottle	Quartz CAS 14808-60-7
Plastic Cleaner and Polish	CR Laurence Co (CRL)	1	8 fl oz / 236 mL	plastic bottle	Ethanol 64-17-5 , Propane 74-98-6 Butane 106-97-8 Ethanol, 2-butoxy 111-76-2 Ethanol, 2-(2-butoxyethoxy)112-34-5 Sodium nitrite, Nitrous acid, sodium salt (1:1) 7632-00-0 Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl- 556-67-2
S209 Aerosol Mirror Edge Sealant	CR Laurence Co (CRL)	1	10.5 oz / 298 g	aerosol spray can	trichloroethylene, acetone, vm&p naptha, mineral spirits, and liquefied petroleum gas
Solvent Cleaner & Degreaser	CR Laurence Co (CRL)	1	20 oz / 567 g	aerosol spray can	trichloroethylene, CO2
Freez-It Spray	CR Laurence Co (CRL)	5-10	6.5 oz / 184 g	aerosol spray can	butane, propane, ethyl alcohol,
Spray Penetrant	CR Laurence Co (CRL)	1-Jan	12 oz / 340 g	aerosol spray can	distillates (petroleum) hydrotreated light, diethylene glycol monobutyl ether, propane
Ultra Exterior Spray Fast Drying Polyurethane Clear Satin	ZAR	2	11 oz / 312 g	aerosol spray can	acetone, toluene, propane, isobutane, and petroleum distillates
Inverted Marking Paint	Rust-oleum	3-5	15 oz / 425 g	aerosol spray can	acetone, liquified petroleum gas, petroleum distillates, n-butyl acetate, aromatic hydrocarbons
Hi-Build Enamel Fleet Coating	Dupli-Color	2	16 oz / 453 g	aerosol spray can	aromatic hydrocarbons and ketones
Industrial Strength Custom Color Spray Paint Winds Breath	HEDRIX	5-10	11 oz / 312 g	aerosol spray can	isobutane 75-28-5, acetone 67-64-1, glycol ether EB 111-76-2, glycol ether PM 107-98-2
Industrial Strength Custom Color Spray Paint Medium Bronze	HEDRIX	3	11 oz / 312 g	aerosol spray can	isobutane 75-28-5, acetone 67-64-1, glycol ether EB 111-76-2, glycol ether PM 107-98-2
1K FillClean 368 2071	Spray Max	1	7.5 oz. / 212 g	aerosol spray can	dimethyl ether, acetone, propylene glycol monomethyl ether acetate
Painter's Touch 2x UltraCover Paint and Primer, Flat Black	Rust-oleum	3-5	12 oz / 340 g	aerosol spray can	Acetone, liquefied petroleum gas, petroleum distillates, and aromatic hydrocarbons
Painter's Touch 2x UltraCover Paint and Primer Matte Clear	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone, liquefied petroleum gas, petroleum distillates, n-butyl acetate, dimethyl carbonate, xylene, glycol ethers

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Painter's Touch 2x UltraCover Paint and Primer, Winter Gray Gloss	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone, liquified petroleum gas, naptha, xylene, n-butyl acetate, and glycol ethers
Painter's Touch 2x UltraCover Paint and Primer, Semi-Gloss Black	Rust-oleum	2	12 oz / 340 g	aerosol spray can	Acetone, liquified petroleum gas, petroleum distillates, and xylene
Painter's Touch 2x UltraCover Paint and Primer, Mango	Rust-oleum	1	12 oz / 340 g	aerosol spray can	toluene, acetone, and xylene
Painter's Touch 2x UltraCover Paint and Primer, Meadow Green	Rust-oleum	1	12 oz / 340 g	aerosol spray can	acetone, liquefied petroleum gas, naptha, xylene, asnd n-butyl acetate
Painter's Touch 2x UltraCover Paint and Primer, White semi-gloss	Rust-oleum	1	12 oz / 340 g	aerosol spray can	liquified petroleum gas, acetone, petroleum distillates, xylene, and n-butyl acetate
Painter's Touch 2x UltraCover Paint and Primer, Satin	Rust-oleum	1	12 oz / 340 g	aerosol spray can	liquified petroleum gas, acetone, petroleum distillastes, and xylene
Painter's Touch 2x UltraCover Paint and Primer, Satin Charcoal Grey	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone Propane Naphtha, Petroleum, Hydrotreated Light, Hydrotreated Light Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane Carbon Black Stoddard Solvent Zirconium 2-Ethylhexanoate Methyl Ethyl Ketoxime Zirconium Acetate
Painter's Touch 2x UltraCover Paint and Primer, Satin Stone Grey	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone Propane Naphtha, Petroleum, Hydrotreated Light, Hydrotreated Light Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane, Zirconium 2-Ethylhexanoate Methyl Ethyl Ketoxime Zirconium Acetate
Painter's Touch 2x UltraCover Paint and Primer, Gloss Apple Red	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone Propane Naphtha, n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate, prpylene glycol monobutyl ether, pigment red 170, hydrottreated light distillate, barium sulphate, ethylbenzene, solvent naptha, Zirconium 2-Ethylhexanoate Zirconium Acetate
Painter's Touch 2x UltraCover Paint and Primer, Gloss Dark Gray	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone Propane Naphtha, Petroleum, Hydrotreated Light, Hydrotreated Light Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane Aliphatic Hydrocarbon Zirconium Acetate
Ultra Cover Latex Paint flat black	Rust-oleum	2	32 fl oz / 946 mL	metal paint bucket	Dipropylene Glycol Monobutyl Ether Ethanol Carbon Black Sodium Nitrite Crystalline Silica / Quartz N-Methyl 2-Pyrrolidone Ammonia (anhydrous) 5-Chloro-2-Methyl-4-Isothiazolin-3-one Mixture with 2-Methyl-4-Isothiazolin-3-one
Gloss Protective Enamel	Rust-oleum	3	12 oz / 340 g	aerosol spray can	toluene, acetone, and xylene
LeakSeal Flexible Rubber Coating	Rust-oleum	1	11 oz / 312 g	aerosol spray can	petroleum distillates
Flat Protective Enamel	Rust-oleum	1	12 oz / 340 g	aerosol spray can	acetone, liquified petroleum gas, petroleum distillates, aromatic hydrocarbons
Appliance Epoxy	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Acetone n-Butyl Acetate Propane n-Butane Xylenes (o-, m-, p- Isomers) Aluminum Flake Dimethyl Carbonate Ethylbenzene 1-Methoxy-2-Propyl Acetate Solvent Naphtha, Light Aromatic Stoddard Solvent Isobutyl Methacrylate Solvent Naphtha, Light Aromatic Carbon Black Amorphous Precipitated Silica Zirconium Acetate
Bright Coat Metallic Finish	Rust-oleum	1	11 oz / 312 g	aerosol spray can	toluene and xylene
Specialty Camoflage Non-Reflective Finish	Rust-oleum	1	12 oz / 340 g	aerosol spray can	toluene and xylene
Undercoating	Rust-oleum	2	15 oz / 425 g	aerosol spray can	toluene
Inverted marking Paint	Rust-oleum	3-5	17 oz / 482 g	aerosol spray can	acetone, alkyd resin, propane, n-butyl acetate, naphtha, petroleum, petroleum distillate, n-Butane, xylenes, Ba Sulfate, ethylbenzene, ethylene glycol monobutyl ether
High Heat Ultra Spray Paint	Rust-oleum	1	12 oz / 340 g	aerosol spray can	toluene and xylene
Rusty Metal Primer	Rust-oleum	2	32 fl. Oz / 946 mL	qt sized paint bucket	Hydrotreated Light Distillate Pigment Red 101 Hydrous Magnesium Silicate Zinc Phosphate Wollastonite Crystalline Silica / Quartz Zinc Oxide Calcium Borate Methyl Ethyl Ketoxime Xylenes (o-, m-, p- Isomers) Ethylbenzene Zirconium Acetate
Oil based protective enamel gloss white	Rust-oleum	1	1 qt / 946 mL	qt sized paint bucket	hydrotreated light distillate, titanium dioxide, kaolin clay, xylenes, methyl ethyl ketoxime, naptha, ethylbenzene, cobale 2 ethylhexanoate, zirconium acetate

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Custom Color Matched Touch Up Paint, Black YK1N	Sterling Colors LLC	2	12 oz / 340 g	aerosol spray can	acetone (67-64-1), propane (74-98-6), n-butane (106-97-8), xylene (1330-20-7), PM Acetate (108-65-6)
Air Compressor Oil	CH Power	1	16 fl. oz / 473 mL	plastic bottle	petroleum distillates, phosphorodithoic acid
Fabulous Blaster Penetrating Catalyst magnetic lubricant	B'LASTER CORPORATION	2	unknown	aerosol spray can	No information available online.
All Purpose Spray Adhesive 7010	Krylon	1	11 oz / 311g	aerosol spray can	mehtyl acetate, propane, butane, heptane, berdesol
Custom Can China Copper	upol	2	7 oz / 201 g	aerosol spray can	acetone
Medium Bronze Spray Paint	Precision Color	1	12 oz / 340 g	aerosol spray can	acetone, tpropane, toluene, n-butane, methyl ethyl ketone, 1-Methoxy-2-Propyl Acetate, Xylene
BIN Shellac Base Primer	Zinsser	2	13 oz / 369 g	aerosol spray can	acetone, ethanol, liquified petroleum gas
Thread Cutting Oil	Do it Best	1	16 fl oz / 473 mL	plastic jug	Petroleum Hydrocarbon Mixture
All Purpose Filler , Golden oak	DAP	1	6 oz / 170 g	Tube	limestone, fly ash, titanium dioxide, quartz, attapulgit, phenolphthalein
Aluminum Cutting Fluid	TAP Magic	1	16 fl oz / 473 mL	metal container	Distillates (petroleum), aliphatic organic ester, cinnamaldehyde
4 Fast SET Clear, water thin solvent cement, acrylics	SCIGRIP	1	16 fl oz / 473 mL	metal pint	acrylic (cast and extruded)
OOPS! Multi-Purpose Remover	Homax Products Inc	1	16 fl oz / 473 mL	metal container	toluene, acetone, methanol
Gum Spirits of Turpentine	E-Z	1	16 fl oz / 473 mL	metal container	No information available online.
pure gum spiritis of turpentine	Sunnyside	1	16 fl oz / 473 mL	metal container	terpenes, alpha pinene
Interior-Exterior Spray Paint	Krylon	3	12 oz / 340 g	aerosol spray can	keytones, hydrocarbon propellants, xylene, acetates, ethylbenzene, and toluene
Cutting Oil LU 208	Sprayon	1	12 oz / 340 g	aerosol spray can	heavy naphthenic petroleum oil, heavy paraffinic oil, alkanes C14-1 chloro
Matte Finish aerosol spray	Krylon	1	11 oz / 311g	aerosol spray can	keytones, hydrocarbon propellants, toluene and aliphatic hydrocarbons
Self Etching Primer 39683 Gray	SEM	1	15.5 oz / 440 g	aerosol spray can	acetone, petroleum gas (liquefied and sweetened), toluene, isobutyl acetate, ethyl acetatae, butanone, resin NJTSRN 6784, cellulose nitrate, n-butyl acetate, solvent aphtha, propan-2-ol, quartz, talc, tris(mehtylphenyl phosphate
Self Etching Primer 39673 Black	SEM	1	15.5 oz / 440 g	aerosol spray can	acetone, petroleum gas (liquefied and sweetened), toluene, isobutyl acetate, ethyl acetatae, butanone, resin NJTSRN 6784, cellulose nitrate, n-butyl acetate, solvent aphtha, propan-2-ol, quartz, talc, tris(mehtylphenyl phosphate
General Purpose Adhesive Cleaner 08987	3M	1	15 oz / 425 g	aerosol spray can	xylene, VM&P Naphtha, Propane, Ethylbenzene, Toluene, Benzene
Spray Mount Artist's Adhesive	3M	1	13.5 oz/ 382 g	aerosol spray can	111 trichloroethane, isobutane, 1-4 dioxane
Special Purpose Metallics Spray paint	Krylon	2	11 oz / 311 g	aerosol spray can	keytones, hydrocarbon propellants, aliphatic hydrocarbons, xylene, toluene, aromatic hydrocarbons, aetates
Linetec Touch Up Paint Quaker Bronze	? Motor Service and Supp	1	11 oz / 312 g	aerosol spray can	butane, acetone, glycol ether EB, glycol ether PM
Stainless Steel Finish	Krylon	1	12 oz / 312 g	aerosol spray can	acetone, propane, LT aliphatic hydrocarbon solvent, butane, ethylbenzene, and xylene
Kool Cut Lubricant	American Industries	1	unknown	plastic soda bottle?	Acetone, Butane, Petroleum distillates, hydrotreated light, Propane, components below reportable levels
OMNI-FILL EZ Touch MasterBlend Brown Metallic PWDR 49/66230 B45116 DV16	Specialy Aerosols OMNI-f	2	unknown	aerosol spray can	acetone, propane, MEK, ethyl 3-ethoxypropionate
Touch Up Spray paint	Sterling Colors LLC	1	12 oz / 340 g	aerosol spray can	ACETONE, PROPANE, TOLUENE, METHYL ETHYL KETONE, N-BUTANE, PROPYLENE GLYCOL METHYL ETHER ACETATE, ALUMINUM, ETHYLBENZENE
Color Maxx Paint and Primer Satin Black	Krylon	2	12 oz / 340 g	aerosol spray can	propane, butane, LT. Aliphatic Hydrocarbon, solvent, toluene, ethylbenzene, acetone, isobutyl acetate, crystalline silica, carbon black
Custom Spray Paint Color, Flat Gray CO01	Cromax	1	7.5 oz / 212 g	aerosol spray can	No information available online, or on custom color can.
Mold and Mildew Stain Remover	ZEP Commercial	1	32 fl. oz. / 946 g	plastic spray bottle	sodium hypochlorite

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Fuel Denatured Alcohol	Klean Strip	1	1 qt / 946 ml	metal can	Methanol
Acetone	Klean Strip	1	1 gallon / 3.785 L	metal can	acetone
Chalky Finish Waterfall	Krylon	1	12 oz / 340 g	aerosol spray can	acetone, aliphatic and aromatic hydrocarbons, dimethyl carbonate, ethyl 3-ethoxypropionate
Custom Sptay Paint Atlas Yellow CAS6738	Cromax	2	7.5 oz / 212 g	aerosol spray can	No information available online, or on custom color can.
Multimax enamel 61083 Red Oxide Primer	SEM	2	12 oz / 340 g	aerosol spray can	petroleum gases, acetone, toluene, talc, isobutyl acetate, butanone, iron oxide, ligroine, ethylbenzene
Indoor/Outdoor Helmsman Clear Gloss	MINWAX	1	11.5 oz / 326 g	aerosol spray can	aliphatic hydrocarbons and ketones
Linetec Touch Up Paint Sage Brown	Industrial Finishes	1	11 oz / 311g	aerosol spray can	difluoroethylene polymer, propylene glycol monomethyl ether acetate, toluene, titanium dioxide, MEK, iron oxide, ethyl alcohol, stoddard solvent, mica, dimethyl phtalate, CI pigment green, ehtylene glycol monobutyl ehter acetate, black pigment, 2 butoxyethanol, solvent naptha, aluminum, propane, butane, acetone, propylene glycol monomethyl ether
Regal Select Flat Finish 4X	Benjamin Moore	1	15.7 fl oz / 465 mL	metal paint bucket	nepheline syenite, limestone, diatomaceous earth, propanoic aid, 2 methyl monoester with 2,2,4 trimethyl 1,3-pentanediol, sodium C14-C16 olefin sulfonate
Color Samples 1X	Benjamin Moore	2	15.7 fl oz / 465 mL	metal paint bucket	titanium dioxide, kaolin, nepheline syenite, propylene glycol, silica amorphous
Color Samples 2X	Benjamin Moore	1	15.7 fl oz / 465 mL	metal paint bucket	limestone, titanium dioxide, propylene glycol
Moorglo Soft Gloss, Regal Select Exterior paint	Benjamin Moore	1	1 qt / 946 mL	metal paint bucket	zinc oxide, sodium C14-C16 olefin sulfonate
Prep-All	Klean Strip	1	1 gallon / 3.785 L	metal container	Petroleum Distillates
Molykote G-n plus paste, contains calcium hydroxide	Dupont	1	unknown	metal paint can	calcium hydroxide, graphite, molybdenum disulfide, parrafin / hydrocarbon, waxes
Penetrating Oil	Liquid Wrench	1	16 oz / 473 mL	plastic bottle	hydrotreated light naphthenic distillates petroleum, tripropylene glycol monomethyl ether, carbon dioxide, trimethylolpropane trioleate, polytetrafluoroethylene (PTFE), Boron Nitride
Belt Dressing	CarQuest	1	7.5 oz / 212 g	aerosol spray can	stoddard solvent, carbon dioxide, trimethylbenzene, ethylbenzene, benzene 1 methylethyl
Multi Purpose Cleaner	SPRAY NINE	1	24 fl oz / 710 mL	plastic bottle	"this product contains no substances which at their given concentration are considered to be hazardous to health" - Per SDS.
WD-40	WD-40	3-5	11 oz	pressure spray bottle	LVP aliphatic hydrocarbon, petroleum base oil, aliphatic hydrocarbon, carbon dioxide
Loctite SF 7649 Primer	Henkel	1	4.5 z / 128 g	metal bottle	acetone, 2-ethylhexanoic acid, may contain butane and other ethylexanoic acids)
Lacquer Thinner	Klean Strip	1	1 gallon / 3.785 L	metal container	Acetone ethanol 2-butoxy
Belt Dressing and Conditioner Item 80074 120GA	Permatex	1	5 oz / 141 g	aerosol spray can	n hexane, naphtha, butane, propane, sodium nitrite, cyclohexane
ColorMaster indoor outdoor purple spray paint	Krylon	1	12 oz	aerosol spray can	acetone, propane, butane, toluene, isobutyl acetate, ethyl 3-ethoxypropionate, trimethylpentanediol diisobutyryate, carbon black, MEK, Light Aliphatic Hydrocarbon
XmatchAerosol, black flat	Cardinal	1	unknown	aerosol spray can	Butyl acetate, methyl acetate, dipropylene glycol, methyl ether acetate, methyl ethyl ketone, acetone
White Lithium grease	Blaster	1	11 oz / 311 g	aerosol spray can	petroleum distillates, propane, n-butane, zinc oxide
Quick Coat Penetrating Finish for Wood Floors 123 Coffee Brown	duraseal / minwax	1	32 fl oz / 946 mL	metal can	light and med aliphatic hydrocarbon, diacetone alcohol, zirconium 2-ethylhexanoate, hydrotreated heavy petroleum naptha, light aromnatic hydrocarbons, fatty acids, mineral spirits, trimethylbenzene, toluene, cobalt neodecanoate, carbon black, 2-2-methoxyethoxy-ethanol, 1 3 5 trimethylbenzene, 1 2 4 trimethylbenzene, calcium 2-ethylhexanoate
kerosene	Sunnyside	1	32 fl oz / 946 mL	metal can	Petroleum Distillates
Butane Fuel Model LBF-640	WLenk	1	6.4 oz / 181 g	aerosol spray can	Isobutane
Finishing Spray	Glass Renu	1	16 fl oz / 473 mL	spray bottle	"hazardous ingredients: none known" - Per SDS.
Factory colored (WB) 70-103 Peidmont Gray (Grayhound)	Glass Paint Technology (C	1	1 qt / 946 ml	metal paint can	Contacted Manufacturer's Representative. Information Pending.
Complete Engine Treatment- cleaner, lubricant and fuel stabilizer	Lucas Oil Products inc	1	1 pt / 16 fl oz / 473 mL	metal canister	Distillates (petroleum) hydrotreated light, hydrocarbyl amine
Denatured Alcohol	sunnyside	1	1 gallon / 3.785 liters	metal canister	methanol and denatured alcohol

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Heavy Duty Oil Stabilizer	Lucas Oil Products inc	1	32 fl oz / 946 mL	plastic bottle	lubricating oils, petroleum, c>25, hydrotreated bright stock based
Wood toned deck and siding stain 9202 cedar	cabot	1	1 gallon	metal paint bucket	2-propoxyethanol, 3-Iodo-2-propynyl butyl carbamate, methyl ethyl ketoxime, hydrotreated heavy petroleum naphtha, cobalt neodecanoate
Fine marmorino 8 kGs- color: untinted	firenzecolor venetial plas	1	8 kg	plastic tub	No information alailable online.
Era Veneziana	novacolor	1	unknown	plastic tub	calcium hydroxide

Key	
	Ingredients listed on can. No PCE/TCE listed.
	Ingredients listed on Safety Data Sheet. No PCE/TCE listed. Safety Data Sheet obtained from readily available online sources.
	Ingredients listed on can. PCE/TCE listed.
	Ingredients listed on Safety Data Sheet. PCE/TCE listed. Safety Data Sheet obtained from readily available online sources.
	Information Unavailable.

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Product Inventory
61 Water Street
Shelving Along Northern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Gasoline Container	NA	2	1-5 gallon	Red Plastic Gasoline Container	Gasoline
VYCOR PRO flashing polypropylene backing film	GCP	1	75 ft roll	No container	"Hazardous components, not applicable" - Per SDS.
Silicone Building Sealant Cat No 95C	CRL	30	10.3 Fl Oz / 305 mL	plastic caulking tube	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, crystalline silica (Quartz), Methanol
PL 400 Subfloor Allweather Construction Adhesive	LOCTITE	8+	10 oz	plastic caulking tube	Limestone, Kaolin, Acetone, Resin acids and rosin acids, esters with pentaerythitol, methyl acetate,
Sikaflex -124 Mirror Grip	SIKA USA	35+	300 mL	pastic caulking tube	4,4' methylenediphenyl diisocyanate, ethylbenzene, quartz
Butyl Architectural Glazing Tape	CRL	20+	1/8" x 1/2"	Cardboard Box	"Section EQ (Indoor Environmental Air Quality) CRL Tape VOC values fall below the applicable VOC limit listed within this credit. This limit is 250 g/L (grams/liter) and is set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality Management District Regulation 9 (BAAQMD) Rule 51 requirements." - Per SDS.
Rockite for Anchoring and Patching (expansion Cement)	CRL	1	50 lbs	Plastic Bucket	portland cement, calcium sulfate hemihydrate, crystalline silica, crystalline silica
DRYLOC FAST PLUG HYDRAULIC CEMENT	UGL	1	50 lbs	Plastic Bucket	Quartz (SiO2) Lumnite SG Cement, Titanium Dioxide, Calcium dihydroxide, Cristobalite
KWIXSET Anchoring and Cement	Hartline Products	1	50 lbs	Plastic Bucket	portland cement, calcium sulfate hemihydrate
Stainblocker	KILZ	1	128 fl oz / 3.79 L	Paint Bucket	Limestone, Titanium Dioxide, Quartz, 5-chloro-2-methyl-2H-isothiazol-3-one

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Product Inventory
61 Water Street
Shelving Along Southern Building Wall
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Ingredients
Synthetic DOT 3 and 4 Brake Fluid	Valvoline	1	32 fl oz / 946 mL	plastic bottle	Diethylene glycol monobutyl ether 112-34-5, Diethylene glycol, Diethylene glycol monoethyl ether 111-90-0
100% Silicone Sealant Item #4045036	DOWSIL	10-15	10.3 fl oz / 305 mL	caulk bottle	silicone dioxide
Silicone Sealant (various colors)	CR Laurence Co (CRL)	10-15	10.3 fl oz / 305 mL	caulk bottle	aluminum
Diamondize XP Protective Sealer	Diamond Blue	1	unknown	plastic bottle	Silane, IBTS, Methanol
Bio-Clean Water Stain Remover	CR Laurence Co (CRL)	3	16 fl. Oz / 473 mL	plastic bottle	Silica(1480-60-7) 35-40 % WT, C9-11 Alcohol Ethoxyl
Glass cleaner SW-050	Sprayway	10+	19 oz / 539 g	metal spray can	alcohol, butoxyethanol, propane, t butyl alcohol, butane
Diamond Blue Wash Repellent Action	Diamond Blue	10-15	unknown	spray bottle	"Hazardous ingredients: None known" - Per SDS.
Regal Select Eggshell Interior Base 1 NS49 IX	Benjamin Moore	1	unknown	metal can	titanium dioxide, nephelibne syenite, limestone, silica amorphous, kaolin calcined, kaolin, trimethylpropane, sodium C14-C16 olefin sulfonate
Wonder Putty Glazing Compound		1	unknown		Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)
Regal Select Flat Finish Decorators White 547 04	Benjamin Moore	1	unknown	metal can	titanium dioxide, kaolin, nepheline syenite
Cover Stain Primer Stain Blocker	Zinsser	1	unknown	metal can	hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2% aromatics, hydrocarbons, aromatic, C9, hydrocarbons, C9-C12, n-/ iso-/ cyclo-alkanes, aromatics (2-25%), 2-butanone oxime, 2-octyl-2Hisothiazol-3-one
Bulls Eye 1-2-3 Primer for all surfaces	Zinsser	1	unknown	metal can	Titanium Dioxide, Hydrous Magnesium Silicate, Ethylene Glycol, Zinc Oxide, Distillates (Petroleum) Solvent-Dewaxed Heavy Paraffinic, Oxirane, 2-Methyl-, Polymer with Oxirane, Monobutyl Ether, Carbamic Acid, 1H-Benzimidazol-2-yl-, Methyl Ester
Fast Plug Hydraulic cement	DRY LOK	4	unknown	plastic tubs	Quartz (SiO2), Lumnite SG Cement, Titanium dioxide, Calcium dihydroxide, Cristobalite
Butyl Architectural Glazing Tape	CR Laurence Co (CRL)	20+	1/8" x 1/2"	cardboard box	"CRL Tape VOC values fall below the applicable VOC limit listed within this credit. This limit is 250 g/L (grams/liter) and is set by the South Coast Air Quality Management District (SCAQMD) Rule #1168 requirements and the Bay Area Air Quality" Management District Regulation 9 (BAAQMD) Rule 51 requirements." - Per SDS.

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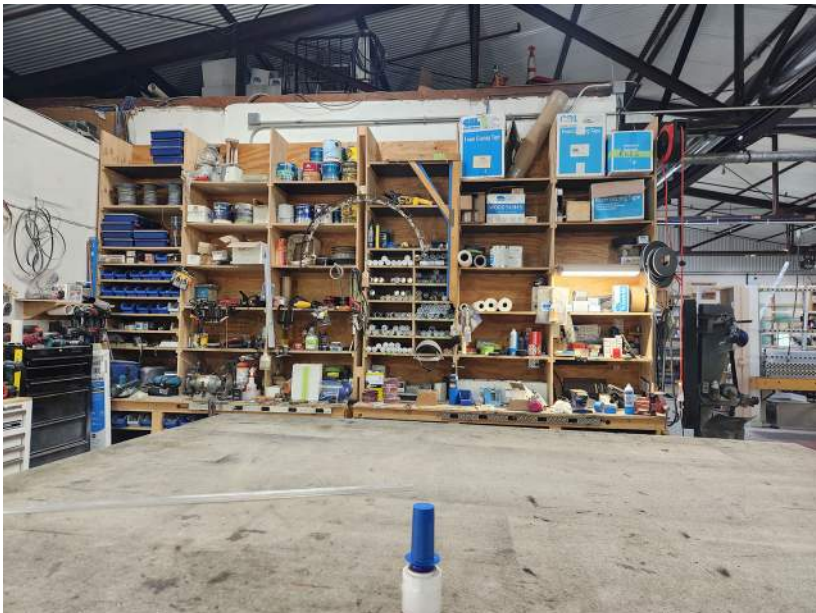
Chemical Storage February to May 2024



01 - February Shelving Adjoining Office



02 - February Shelving Adjoining Office



03 - May Shelving Adjoining Office



04 - May Shelving Adjoining Office



05 - May Metal Cabinet Storage

1. IDENTIFICATION

Product identifier: CRL SOLVENT DEGREASER

Other means of identification

SDS number: RE1000000605

Recommended restrictions

Product Use: Cleaner

Restrictions on use: Not known.

CRL Cat. No. CRL60

Manufacturer/Importer/Distributor Information

Manufacturer

Company Name: C.R. Laurence Co., Inc.
Address: 2503 E. Vernon Avenue
Los Angeles, CA 90058
Telephone: 1-800-421-6144
Fax:

Emergency telephone number: 1-866-836-8855

2. HAZARD IDENTIFICATION

Hazard Classification

Physical Hazards

Gases under pressure Compressed gas

Health Hazards

Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2A
Germ Cell Mutagenicity	Category 2
Carcinogenicity	Category 1A
Specific Target Organ Toxicity - Single Exposure	Category 3 ¹

Target Organs

1. Narcotic effect.

Environmental Hazards

Acute hazards to the aquatic environment Category 3

Label Elements

Hazard Symbol:

2. HAZARD IDENTIFICATION (CONT.)**Signal Word:**

Danger

Hazard Statement:

Contains gas under pressure; may explode if heated.
Causes skin irritation.
Causes serious eye irritation.
Suspected of causing genetic defects.
May cause cancer.
May cause drowsiness or dizziness.
Harmful to aquatic life.

Precautionary Statements**Prevention:**

Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Keep container tightly closed.

Response:

IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with plenty of water/... If skin irritation occurs: Get medical advice/attention. Call a POISON CENTER/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing.

Storage:

Protect from sunlight. Store in a well-ventilated place. Store locked up. Keep container tightly closed.

Disposal:

Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Hazard(s) not otherwise classified (HNOC):

None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Identity	CAS number	Content in percent (%)*
Ethene, 1,1,2-trichloro-	79-01-6	50 - <100%
Carbon dioxide	124-38-9	1 - <5%
Oxirane, 2-(chloromethyl)-	106-89-8	0.1 - <1%

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

4. FIRST-AID MEASURES

Ingestion:	Call a physician or poison control center immediately. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center. Rinse mouth.
Inhalation:	Move to fresh air.
Skin Contact:	Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash contaminated clothing before reuse. Get medical attention.
Eye contact:	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.

Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. FIRE-FIGHTING MEASURES

General Fire Hazards: No unusual fire or explosion hazards noted.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5. FIRE-FIGHTING MEASURES (CONT.)

Specific hazards arising from the chemical: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Ventilate closed spaces before entering them. See Section 8 of the SDS for Personal Protective Equipment. Keep unauthorized personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Methods and material for containment and cleaning up: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste. Dike far ahead of larger spill for later recovery and disposal.

Notification Procedures: Dike for later disposal. Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk.

Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so. Avoid release to the environment.

7. HANDLING AND STORAGE

Precautions for safe handling: Do not taste or swallow. Wash hands thoroughly after handling. Do not handle until all safety precautions have been read and understood. Obtain special instructions before use. Use personal protective equipment as required. Avoid contact with eyes. Avoid contact with skin.

Conditions for safe storage, including any incompatibilities: Store locked up. Aerosol Level 1

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
Ethene, 1,1,2-trichloro-	TWA	10 ppm	US. ACGIH Threshold Limit Values (2008)
	STEL	200 ppm 1,080 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	25 ppm	US. ACGIH Threshold Limit Values (2008)
	TWA	100 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
	MAX. CONC	300 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
	TWA	50 ppm 270 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	Ceiling	200 ppm	US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
	REL	25 ppm	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	Ceiling Time	2 ppm	US. NIOSH: Pocket Guide to Chemical Hazards (2016)
Carbon dioxide	TWA	5,000 ppm	US. ACGIH Threshold Limit Values (2008)
	STEL	30,000 ppm	US. ACGIH Threshold Limit Values (2008)
	STEL	30,000 ppm 54,000 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	REL	5,000 ppm 9,000 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2005)
	PEL	5,000 ppm 9,000 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
	TWA	10,000 ppm 18,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	STEL	30,000 ppm 54,000 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	TWA	2 ppm 8 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)
	PEL	5 ppm 19 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Oxirane, 2-(chloromethyl)-	TWA	0.5 ppm	US. ACGIH Threshold Limit Values (2008)

Biological Limit Values

Chemical Identity	Exposure Limit Values	Source
Ethene, 1,1,2-trichloro- (Trichloroacetic acid: Sampling time: End of shift at end of work week.)	15 mg/l (Urine)	ACGIH BEL (03 2013)
Ethene, 1,1,2-trichloro- (Trichloroethanol, without hydrolysis: Sampling time: End of shift at end of work week.)	0.5 mg/l (Blood)	ACGIH BEL (03 2013)

Appropriate Engineering Controls

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT.)

Controls

Individual protection measures, such as personal protective equipment

General information:	Provide easy access to water supply and eye wash facilities. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Eye/face protection:	Wear safety glasses with side shields (or goggles).
Skin Protection	
Hand Protection:	No data available.
Other:	Wear suitable protective clothing. Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.
Respiratory Protection:	In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.
Hygiene measures:	Observe good industrial hygiene practices. Do not eat, drink or smoke when using the product. Wash hands after handling. Wash hands before breaks and immediately after handling the product. Avoid contact with eyes. Wash contaminated clothing before reuse. Avoid contact with skin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Physical state:	Gas
Form:	Compressed gas
Color:	No data available.
Odor:	No data available.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	No data available.
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.
Upper/lower limit on flammability or explosive limits	
Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper (%):	No data available.
Explosive limit - lower (%):	No data available.
Vapor pressure:	4,826.3301 - 6,205.2816 hPa (20 °C)
Vapor density:	No data available.
Density:	No data available.
Relative density:	No data available.
Solubility(ies)	
Solubility in water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	No data available.

10. STABILITY AND REACTIVITY

Reactivity:	No data available.
Chemical Stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	No data available.
Conditions to avoid:	Avoid heat or contamination.
Incompatible Materials:	No data available.
Hazardous Decomposition Products:	No data available.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product:

Dermal

Product:

Inhalation

Product: Not classified for acute toxicity based on available data.

Repeated dose toxicity

Product: No data available.

Skin Corrosion/Irritation

Product: No data available.

Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

11. TOXICOLOGICAL INFORMATION (CONT.)**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

Ethene, 1,1,2-trichloro-	Overall evaluation: 1. Carcinogenic to humans.
Oxirane, 2-(chloromethyl)-	Overall evaluation: 2A. Probably carcinogenic to humans.

US. National Toxicology Program (NTP) Report on Carcinogens:

Ethene, 1,1,2-trichloro-	Known To Be Human Carcinogen.
Oxirane, 2-(chloromethyl)-	Reasonably Anticipated to be a Human Carcinogen.

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

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Target Organs
Specific Target Organ Toxicity - Single Exposure: Narcotic effect.

Aspiration Hazard
Product: No data available.

Other effects: Narcotic effect.

12. ECOLOGICAL INFORMATION

Ecotoxicity:

Acute hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment:

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log K_{ow})

Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Ethene, 1,1,2-trichloro- No data available.

Carbon dioxide No data available.

Oxirane, 2-(chloromethyl)- No data available.

Other adverse effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated Packaging: No data available.

14. TRANSPORT INFORMATION

DOT

UN Number: UN 1950
UN Proper Shipping Name: Aerosols, non-flammable
Transport Hazard Class(es)
Class: 2.2
Label(s): –
Packing Group: II
Marine Pollutant: No

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

IMDG

UN Number: UN 1950
UN Proper Shipping Name: Aerosols, non-flammable
Transport Hazard Class(es)
Class: 2
Label(s): –
EmS No.: –
Packing Group: –

Environmental Hazards: No
Marine Pollutant: No
Special precautions for user: Not regulated.

IATA

UN Number: UN 1950
Proper Shipping Name: Aerosols, non-flammable
Transport Hazard Class(es)
Class: 2.2
Label(s): –
Packing Group: –

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.
Cargo aircraft only: Allowed.

15. REGULATORY INFORMATION

US Federal Regulations

Restrictions on use: Not known.

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

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

None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Ethene, 1,1,2-trichloro-	lbs. 100
Oxirane, 2-(chloromethyl)-	lbs. 100

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories

Sudden Release of Pressure
 Immediate (Acute) Health Hazards
 Delayed (Chronic) Health Hazard
 Gases under pressure
 Skin Corrosion/Irritation
 Serious Eye Damage/Eye Irritation
 Germ Cell Mutagenicity
 Carcinogenicity
 Specific Target Organ Toxicity - Single Exposure
 Simple asphyxiant

SARA 302 Extremely Hazardous Substance

<u>Chemical Identity</u>	<u>Reportable quantity</u>	<u>Threshold Planning Quantity</u>
Oxirane, 2-(chloromethyl)-	lbs. 100	lbs. 1000

SARA 304 Emergency Release Notification

<u>Chemical Identity</u>	<u>Reportable quantity</u>
Ethene, 1,1,2-trichloro-	lbs. 100
Oxirane, 2-(chloromethyl)-	lbs. 100

SARA 311/312 Hazardous Chemical

<u>Chemical Identity</u>	<u>Threshold Planning Quantity</u>
Oxirane, 2-(chloromethyl)-	lbs
Ethene, 1,1,2-trichloro-	10000 lbs
Carbon dioxide	10000 lbs

SARA 313 (TRI Reporting)

<u>Chemical Identity</u>	<u>Reporting threshold for other users</u>	<u>Reporting threshold for manufacturing and processing</u>
Ethene, 1,1,2-trichloro-	lbs	lbs.
Oxirane, 2-(chloromethyl)-	lbs	lbs.

15. REGULATORY INFORMATION (CONT.)**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):****Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)****US State Regulations****US. California Proposition 65**

This product contains chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm.

Ethene, 1,1,2-trichloro-	Carcinogenic. 05 2011
Ethene, 1,1,2-trichloro-	Male reproductive toxin. 04 2014
Ethene, 1,1,2-trichloro-	Developmental toxin. 04 2014
Oxirane, 2-(chloromethyl)-	Carcinogenic. 05 2011
Oxirane, 2-(chloromethyl)-	Male reproductive toxin. 03 2008

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

Ethene, 1,1,2-trichloro-
Carbon dioxide
Oxirane, 2-(chloromethyl)-

US. Massachusetts RTK - Substance List**Chemical Identity**

Ethene, 1,1,2-trichloro-
Oxirane, 2-(chloromethyl)-

US. Pennsylvania RTK - Hazardous Substances**Chemical Identity**

Ethene, 1,1,2-trichloro-
Carbon dioxide
Oxirane, 2-(chloromethyl)-

US. Rhode Island RTK

No ingredient regulated by RI Right-to-Know Law present.

International regulations

15. REGULATORY INFORMATION (CONT.)**Montreal protocol**

Not applicable

Stockholm convention

Not applicable

Rotterdam convention

Not applicable

Kyoto protocol**Inventory Status:**

EINECS, ELINCS or NLP:	Not in compliance with the inventory.
Canada NDSL Inventory:	Not in compliance with the inventory.
Japan Pharmacopoeia Listing:	Not in compliance with the inventory.
Australia AICS:	On or in compliance with the inventory
Canada DSL Inventory List:	On or in compliance with the inventory
Japan (ENCS) List:	On or in compliance with the inventory
China Inv. Existing Chemical Substances:	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory
Philippines PICCS:	On or in compliance with the inventory
US TSCA Inventory:	On or in compliance with the inventory
New Zealand Inventory of Chemicals:	On or in compliance with the inventory
Japan ISHL Listing:	On or in compliance with the inventory
Mexico INSQ:	On or in compliance with the inventory
Ontario Inventory:	On or in compliance with the inventory
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory

16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Issue Date: 09/10/2019

Revision Information: No data available.

Version #: 1.0

Further Information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

1. Identification

Catalog number S209

Product number 1000012052

Product identifier **CRL AEROSOL MIRROR EDGE SEALANT**

Company information C. R. LAURENCE CO., INC.
2503 E. VERNON AVENUE
LOS ANGELES, CA 90058 United States

Company phone General Assistance 800-421-6144

Emergency number Chemtrec: 1-800-424-9300 (24 hours)

Version # 01

Recommended use ADHESIVE

Recommended restrictions None known.

2. Hazard(s) identification

Physical hazards Flammable aerosols Category 1

Health hazards Skin corrosion/irritation Category 2

Serious eye damage/eye irritation Category 2A

Germ cell mutagenicity Category 1B

Carcinogenicity Category 1B

Specific target organ toxicity, single exposure Category 3 narcotic effects

Aspiration hazard Category 1

Environmental hazards Not classified.

OSHA defined hazards Not classified.

Label elements



Signal word Danger

Hazard statement Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer.

Precautionary statement

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response If swallowed: Immediately call a poison center/doctor. If on skin: Wash with plenty of water. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a poison center/doctor if you feel unwell. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse.

Storage Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Solvent naphtha (petroleum), light aliph.		64742-89-8	20 - 40
Trichloroethylene		79-01-6	20 - 40
Acetone		67-64-1	10 - 20
Butane		106-97-8	10 - 20
Propane		74-98-6	10 - 20
Xylene		1330-20-7	1 - 2.5
1,2-Butylene Oxide		106-88-7	0.1 - 1
Isobutyl Methacrylate		97-86-9	0.1 - 1
n-Heptane		142-82-5	0.1 - 1
Octane		111-65-9	0.1 - 1
Toluene		108-88-3	0.1 - 1
Other components below reportable levels			10 - 20

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. First-aid measures

Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Rinse with water. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

5. Fire-fighting measures

Suitable extinguishing media	Powder. Alcohol resistant foam. Carbon dioxide (CO ₂).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Contents under pressure. Pressurized container may explode when exposed to heat or flame.
Special protective equipment and precautions for firefighters	Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.
General fire hazards	Extremely flammable aerosol.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Avoid breathing gas. Avoid contact with eyes, skin, and clothing. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Level 2 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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

Components	Type	Value
Acetone (CAS 67-64-1)	PEL	2400 mg/m ³ 1000 ppm
n-Heptane (CAS 142-82-5)	PEL	2000 mg/m ³ 500 ppm
Octane (CAS 111-65-9)	PEL	2350 mg/m ³ 500 ppm
Propane (CAS 74-98-6)	PEL	1800 mg/m ³ 1000 ppm
Xylene (CAS 1330-20-7)	PEL	435 mg/m ³ 100 ppm

US. OSHA Table Z-2 (29 CFR 1910.1000)

Components	Type	Value
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm
Trichloroethylene (CAS 79-01-6)	Ceiling	200 ppm
	TWA	100 ppm

ACGIH

Components	Type	Value
Solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)	TWA	400 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Acetone (CAS 67-64-1)	STEL	750 ppm
	TWA	500 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm
n-Heptane (CAS 142-82-5)	STEL	500 ppm
	TWA	400 ppm
Octane (CAS 111-65-9)	TWA	300 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm
Trichloroethylene (CAS 79-01-6)	STEL	25 ppm
	TWA	10 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Acetone (CAS 67-64-1)	TWA	590 mg/m ³ 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m ³ 800 ppm
n-Heptane (CAS 142-82-5)	Ceiling	1800 mg/m ³ 440 ppm
	TWA	350 mg/m ³ 85 ppm
Octane (CAS 111-65-9)	Ceiling	1800 mg/m ³ 385 ppm
	TWA	350 mg/m ³ 75 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m ³ 1000 ppm
Toluene (CAS 108-88-3)	STEL	560 mg/m ³ 150 ppm
	TWA	375 mg/m ³ 100 ppm
Trichloroethylene (CAS 79-01-6)	TWA	25 ppm

US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
1,2-Butylene Oxide (CAS 106-88-7)	TWA	5.9 mg/m ³ 2 ppm

Biological limit values
ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
Acetone (CAS 67-64-1)	50 mg/l	Acetone	Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g	o-Cresol, with hydrolysis	Creatinine in urine	*
	0.03 mg/l	Toluene	Urine	*
	0.02 mg/l	Toluene	Blood	*
Trichloroethylene (CAS 79-01-6)	15 mg/l	Trichloroacetic acid	Urine	*
	0.5 mg/l	Trichloroethanol, without hydrolysis	Blood	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*

* - For sampling details, please see the source document.

Exposure guidelines
US - California OELs: Skin designation

Toluene (CAS 108-88-3)

Can be absorbed through the skin.

US - Minnesota Haz Subs: Skin designation applies

Toluene (CAS 108-88-3)

Skin designation applies.

Appropriate engineering controls

Eye wash facilities and emergency shower must be available when handling this product.

Individual protection measures, such as personal protective equipment
Eye/face protection

Wear safety glasses with side shields (or goggles).

Hand protection

Wear appropriate chemical resistant gloves.

Skin protection
Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

Skin protection
Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. Physical and chemical properties
Appearance

Clear.

Physical state

Gas.

Form

Aerosol.

Color

Colorless.

Odor

Not available.

Odor threshold

Not available.

pH

Not available.

Melting point/freezing point

Not available.

Initial boiling point and boiling range

Not available.

Flash point

-156.0°F (-104.4°C) Propellant estimated

Evaporation rate

Not available.

Flammability (solid, gas)

Not available.

Upper/lower flammability or explosive limits
Flammability limit - lower (%)

3.2% estimated

Flammability limit - upper (%)

20.2% estimated

Explosive limit - lower (%)

Not available.

Explosive limit - upper (%)

Not available.

Vapor pressure

55 - 75 psig @20°C estimated

Vapor density

Not available.

Relative density

Not available.

Solubility(ies)
Solubility (water)

Not available.

Partition coefficient (n-octanol/water)

Not available.

Auto-ignition temperature

Not available.

Decomposition temperature

Not available.

Viscosity

Not available.

Other information

Specific gravity 0.615 estimated

10. Stability and reactivity

Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability Material is stable under normal conditions.

Possibility of hazardous reactions Hazardous polymerization does not occur.

Conditions to avoid Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials Strong acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.

Hazardous decomposition products No hazardous decomposition products are known.

11. Toxicological information
Information on likely routes of exposure

Ingestion Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

Inhalation May cause drowsiness and dizziness. Headache. Nausea, vomiting. Narcotic effects.

Skin contact Causes skin irritation.

Eye contact Causes serious eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics May cause drowsiness and dizziness. Headache. Nausea, vomiting. Aspiration may cause pulmonary edema and pneumonitis. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.

Information on toxicological effects

Acute toxicity May be fatal if swallowed and enters airways. Narcotic effects.

Components	Species	Test Results
Acetone (CAS 67-64-1)		
Acute		
<i>Dermal</i>		
LD50	Guinea pig	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours
	Rabbit	> 7426 mg/kg, 24 Hours
		> 9.4 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	55700 ppm, 3 Hours
		132 mg/l, 3 Hours
		50.1 mg/l
<i>Oral</i>		
LD50	Rat	5800 mg/kg
		2.2 ml/kg
Butane (CAS 106-97-8)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes
		52%, 120 Minutes
	Rat	1355 mg/l
Isobutyl Methacrylate (CAS 97-86-9)		
Acute		
<i>Other</i>		
LD50	Mouse	1187 mg/kg
	Rat	981 - 1568 mg/kg

Components	Species	Test Results
n-Heptane (CAS 142-82-5)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	> 29.29 mg/l, 4 Hours
Octane (CAS 111-65-9)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 2000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	> 24.88 mg/l, 4 Hours
Propane (CAS 74-98-6)		
Acute		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes
		52%, 120 Minutes
	Rat	1355 mg/l
		658 mg/l/4h
Solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 1900 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	> 5020 mg/m ³ , 4 Hours
		> 4980 mg/m ³
		> 4980 mg/m ³ , 4 Hours
		> 4.96 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	4820 mg/kg
Toluene (CAS 108-88-3)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Mouse	6405 - 7436 ppm, 6 Hours
		5320 ppm, 8 Hours
	Rat	5879 - 6281 ppm, 6 Hours
		12.5 - 28.8 mg/l, 4 Hours
<i>Oral</i>		
LD50	Rat	5000 mg/kg
Trichloroethylene (CAS 79-01-6)		
Acute		
<i>Dermal</i>		
LD50	Rat	19031 mg/kg
<i>Inhalation</i>		
LC50	Rat	12500 ppm, 4 Hours
		1044 mg/l/4h

Components	Species	Test Results
Xylene (CAS 1330-20-7)		
Acute		
<i>Dermal</i>		
LD50	Rabbit	> 5000 ml/kg, 4 Hours 12126 mg/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	5922 ppm, 4 Hours
<i>Oral</i>		
LD50	Mouse	5251 mg/kg
	Rat	3523 mg/kg 10 ml/kg

* Estimates for product may be based on additional component data not shown.

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization Not available.

Skin sensitization This product is not expected to cause skin sensitization.

Germ cell mutagenicity May cause genetic defects.

Carcinogenicity May cause cancer.

IARC Monographs. Overall Evaluation of Carcinogenicity

1,2-Butylene Oxide (CAS 106-88-7)	2B Possibly carcinogenic to humans.
Toluene (CAS 108-88-3)	3 Not classifiable as to carcinogenicity to humans.
Trichloroethylene (CAS 79-01-6)	If <1L: Consumer Commodity Carcinogenic to humans.
Xylene (CAS 1330-20-7)	3 Not classifiable as to carcinogenicity to humans.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

US. National Toxicology Program (NTP) Report on Carcinogens

Trichloroethylene (CAS 79-01-6)	Reasonably Anticipated to be a Human Carcinogen.

Reproductive toxicity Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals.

Specific target organ toxicity - single exposure May cause drowsiness and dizziness.

Specific target organ toxicity - repeated exposure Not classified.

Aspiration hazard May be fatal if swallowed and enters airways.

Chronic effects Prolonged exposure may cause chronic effects.

12. Ecological information

Ecotoxicity Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
1,2-Butylene Oxide (CAS 106-88-7)		
Aquatic		
Algae	IC50	Algae 500 mg/L, 72 Hours
Crustacea	EC50	Daphnia 69.8 mg/L, 48 Hours
Fish	LC50	Fish 160, 96 Hours
Acetone (CAS 67-64-1)		
Aquatic		
Crustacea	EC50	Water flea (Daphnia magna) 21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss) 4740 - 6330 mg/l, 96 hours

Components	Species		Test Results
Isobutyl Methacrylate (CAS 97-86-9)			
Aquatic			
Crustacea	EC50	Daphnia	23 mg/L, 48 Hours
n-Heptane (CAS 142-82-5)			
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours
Solvent naphtha (petroleum), light aliph. (CAS 64742-89-8)			
Aquatic			
Algae	IC50	Algae	4700 mg/L, 72 Hours
Toluene (CAS 108-88-3)			
Aquatic			
Algae	IC50	Algae	433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours
		Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Trichloroethylene (CAS 79-01-6)			
Aquatic			
Crustacea	EC50	Daphnia	2.2 mg/L, 48 Hours
Fish	LC50	Fish	40.8933, 96 Hours
		Flagfish (Jordanella floridae)	3.1 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
Aquatic			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

Persistence and degradability No data is available on the degradability of this product.

Bioaccumulative potential No data available.

Partition coefficient n-octanol / water (log Kow)

Acetone	-0.24
Butane	2.89
Isobutyl Methacrylate	2.66
n-Heptane	4.66
Octane	5.18
Propane	2.36
Toluene	2.73
Trichloroethylene	2.61
Xylene	3.12 - 3.2

Mobility in soil No data available.

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

13. Disposal considerations

Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Local disposal regulations Dispose in accordance with all applicable regulations.

Hazardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1)	U002
Toluene (CAS 108-88-3)	U220

Trichloroethylene (CAS 79-01-6)

U228

Xylene (CAS 1330-20-7)

U239

Waste from residues/ unused products	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

14. Transport information

DOT

UN number	UN1950
UN proper shipping name	Aerosols, flammable
Transport hazard class(es)	
Class	2.1
Subsidiary risk	6.1(PGIII)
Label(s)	2.1, 6.1
Packing group	Not applicable.
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Special provisions	N82
Packaging exceptions	306
Packaging non bulk	None
Packaging bulk	None
This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.	

IATA

UN number	UN1950
UN proper shipping name	Aerosols, flammable, containing substances in Division 6.1, Packing Group III
Transport hazard class(es)	
Class	2.1
Subsidiary risk	6.1(PGIII)
Label(s)	2.1, 6.1
Packing group	Not applicable.
Environmental hazards	No.
ERG Code	10P
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed.
Cargo aircraft only	Allowed.
Packaging Exceptions	LTD QTY

IMDG

UN number	UN1950
UN proper shipping name	AEROSOLS
Transport hazard class(es)	
Class	2.1
Subsidiary risk	6.1(PGIII)
Label(s)	2.1+6.1
Packing group	Not applicable.
Environmental hazards	
Marine pollutant	No.
EmS	F-D, S-U
Special precautions for user	Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.
Packaging Exceptions	NOT a LTD QTY
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

DOT

IATA; IMDG

15. Regulatory information
US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

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

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

1,2-Butylene Oxide (CAS 106-88-7)	Listed.
Acetone (CAS 67-64-1)	Listed.
Toluene (CAS 108-88-3)	Listed.
Trichloroethylene (CAS 79-01-6)	Listed.
Xylene (CAS 1330-20-7)	Listed.

SARA 304 Emergency release notification

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)
Hazard categories

Immediate Hazard - Yes
 Delayed Hazard - Yes
 Fire Hazard - Yes
 Pressure Hazard - Yes
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical

No

SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Trichloroethylene	79-01-6	20 - 40
Xylene	1330-20-7	1 - 2.5
1,2-Butylene Oxide	106-88-7	0.1 - 1
Ethyl Benzene	100-41-4	0.1 - 1
n-Butanol	71-36-3	0.1 - 1
Toluene	108-88-3	0.1 - 1
Benzene	71-43-2	0.01 - 0.1

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

1,2-Butylene Oxide (CAS 106-88-7)

Toluene (CAS 108-88-3)
 Trichloroethylene (CAS 79-01-6)
 Xylene (CAS 1330-20-7)

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

Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)

Safe Drinking Water Act (SDWA) Not regulated.

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

Acetone (CAS 67-64-1)	6532
Toluene (CAS 108-88-3)	6594

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

Acetone (CAS 67-64-1)	35%WV
Toluene (CAS 108-88-3)	35%WV

DEA Exempt Chemical Mixtures Code Number

Acetone (CAS 67-64-1)	6532
Toluene (CAS 108-88-3)	594

US state regulations

US. Massachusetts RTK - Substance List

1,2-Butylene Oxide (CAS 106-88-7)
 Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 n-Heptane (CAS 142-82-5)
 Octane (CAS 111-65-9)
 Propane (CAS 74-98-6)
 Toluene (CAS 108-88-3)
 Trichloroethylene (CAS 79-01-6)
 Xylene (CAS 1330-20-7)

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

1,2-Butylene Oxide (CAS 106-88-7)
 Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Isobutyl Methacrylate (CAS 97-86-9)
 n-Heptane (CAS 142-82-5)
 Octane (CAS 111-65-9)
 Propane (CAS 74-98-6)
 Toluene (CAS 108-88-3)
 Trichloroethylene (CAS 79-01-6)
 Xylene (CAS 1330-20-7)

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

1,2-Butylene Oxide (CAS 106-88-7)
 Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 n-Heptane (CAS 142-82-5)
 Octane (CAS 111-65-9)
 Propane (CAS 74-98-6)
 Toluene (CAS 108-88-3)
 Trichloroethylene (CAS 79-01-6)
 Xylene (CAS 1330-20-7)

US. Rhode Island RTK

1,2-Butylene Oxide (CAS 106-88-7)
 Acetone (CAS 67-64-1)
 Butane (CAS 106-97-8)
 Propane (CAS 74-98-6)
 Toluene (CAS 108-88-3)
 Trichloroethylene (CAS 79-01-6)
 Xylene (CAS 1330-20-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Benzene (CAS 71-43-2)	Listed: February 27, 1987
Ethyl Benzene (CAS 100-41-4)	Listed: June 11, 2004
Trichloroethylene (CAS 79-01-6)	Listed: April 1, 1988

US - California Proposition 65 - CRT: Listed date/Developmental toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997
Toluene (CAS 108-88-3)	Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3)	Listed: August 7, 2009

US - California Proposition 65 - CRT: Listed date/Male reproductive toxin

Benzene (CAS 71-43-2)	Listed: December 26, 1997

International Inventories

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

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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

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

Issue date 09-17-2015

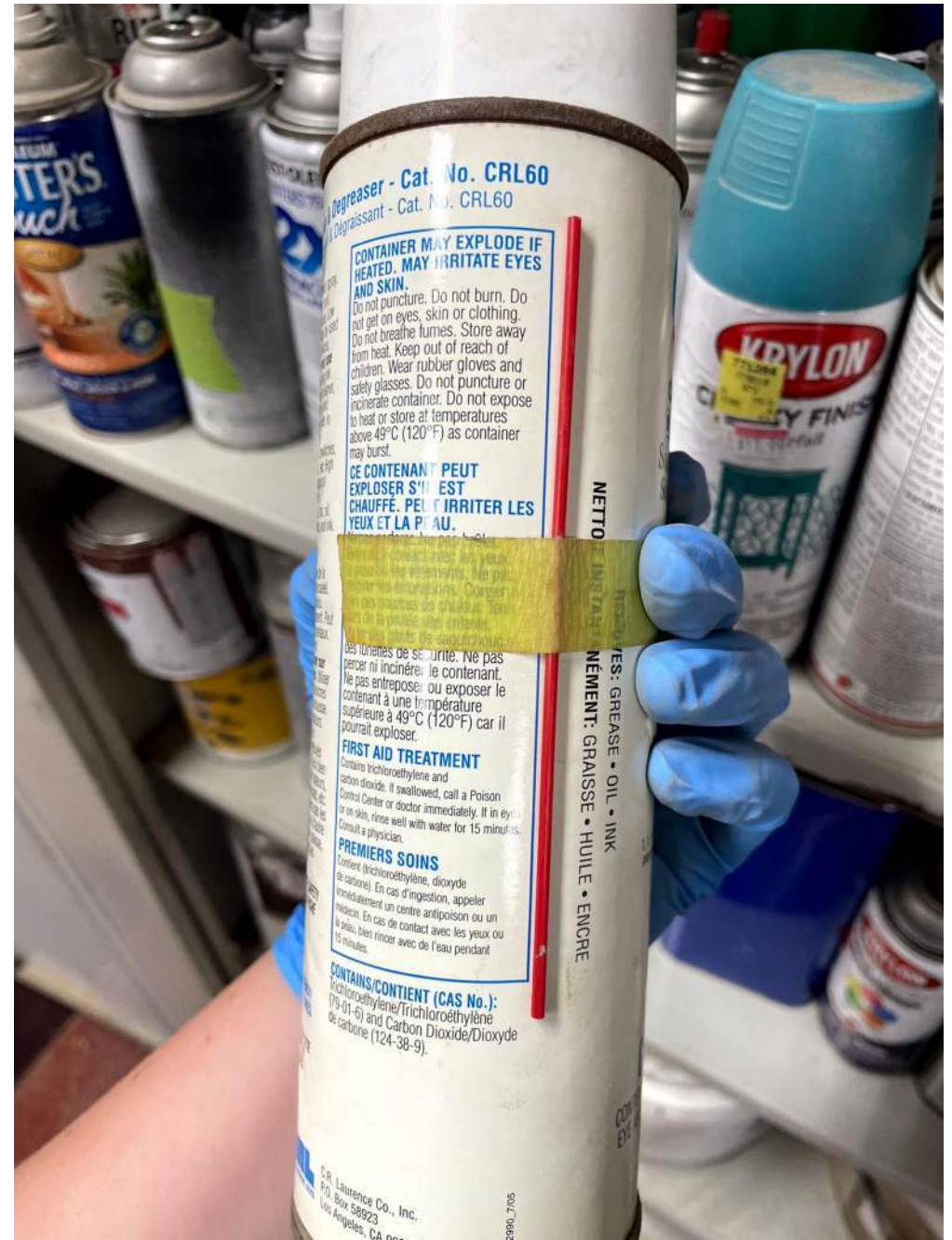
Version # 01

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Products Containing Chlorinated Solvents used and/or stored onsite by Mirage and Mirror Glass

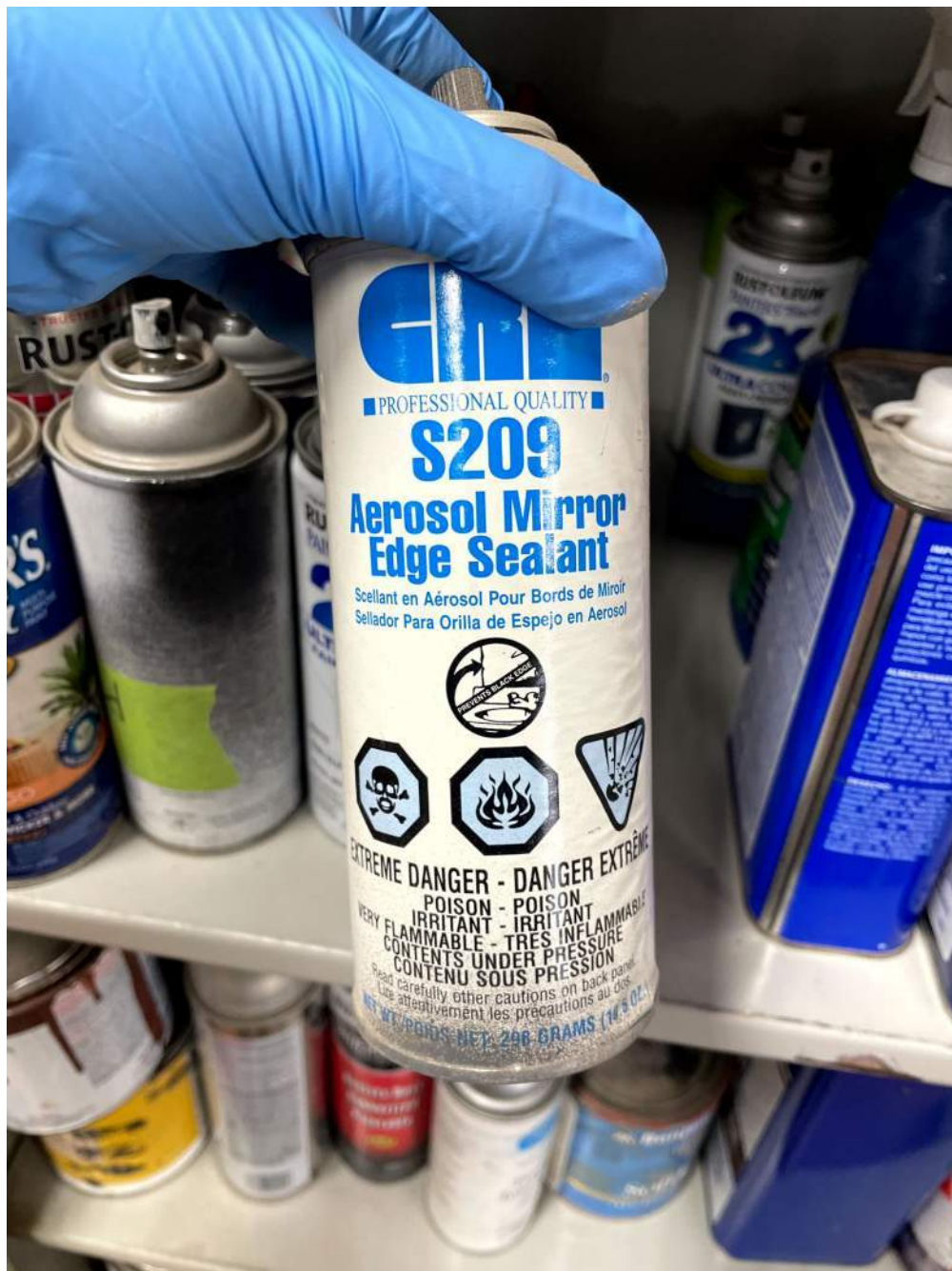


01 - CRL Cleaner and Degreaser

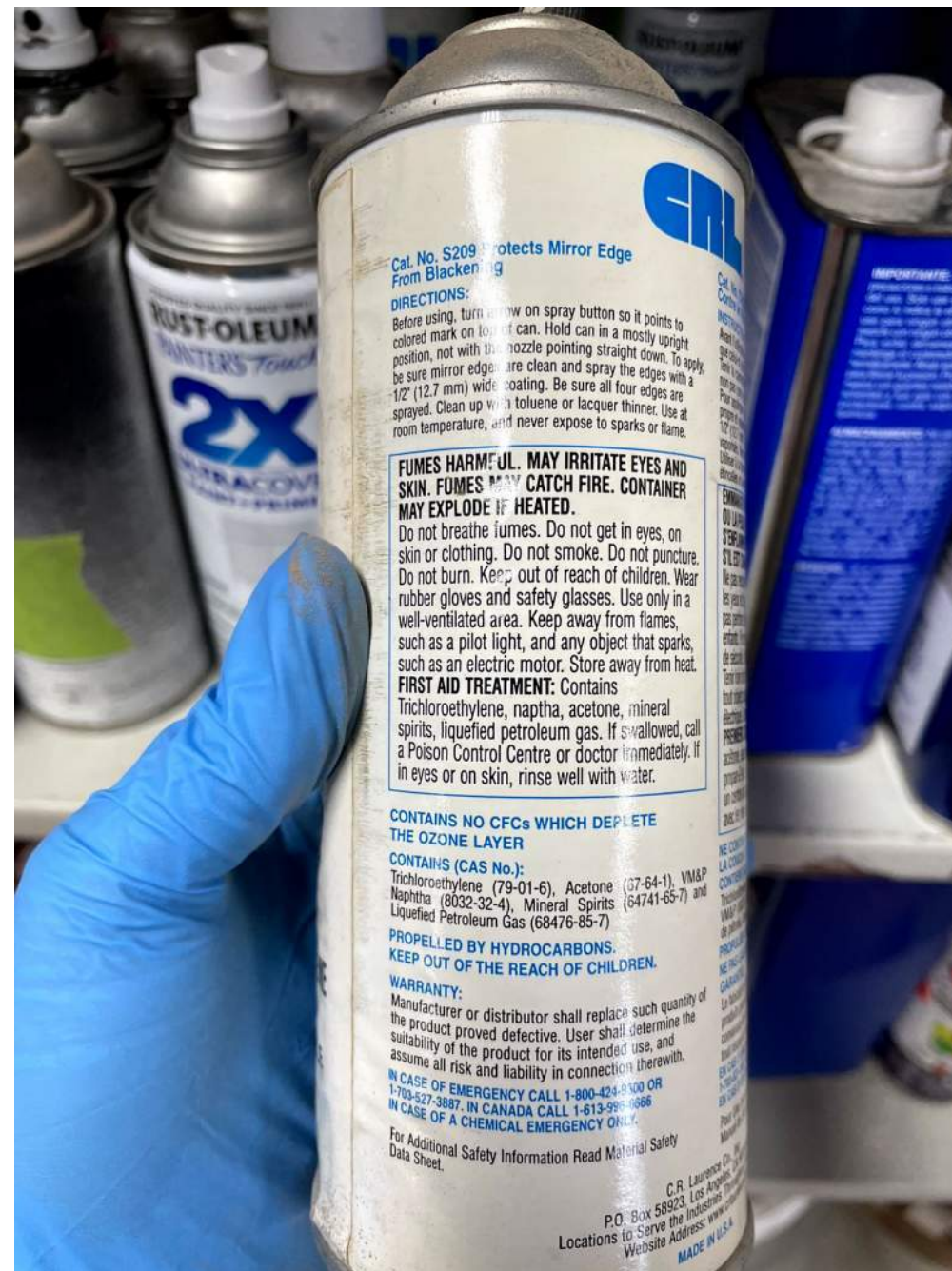


02 - CRL Cleaner and Degreaser

Products Containing Chlorinated Solvents used and/or stored onsite by Mirage and Mirror Glass



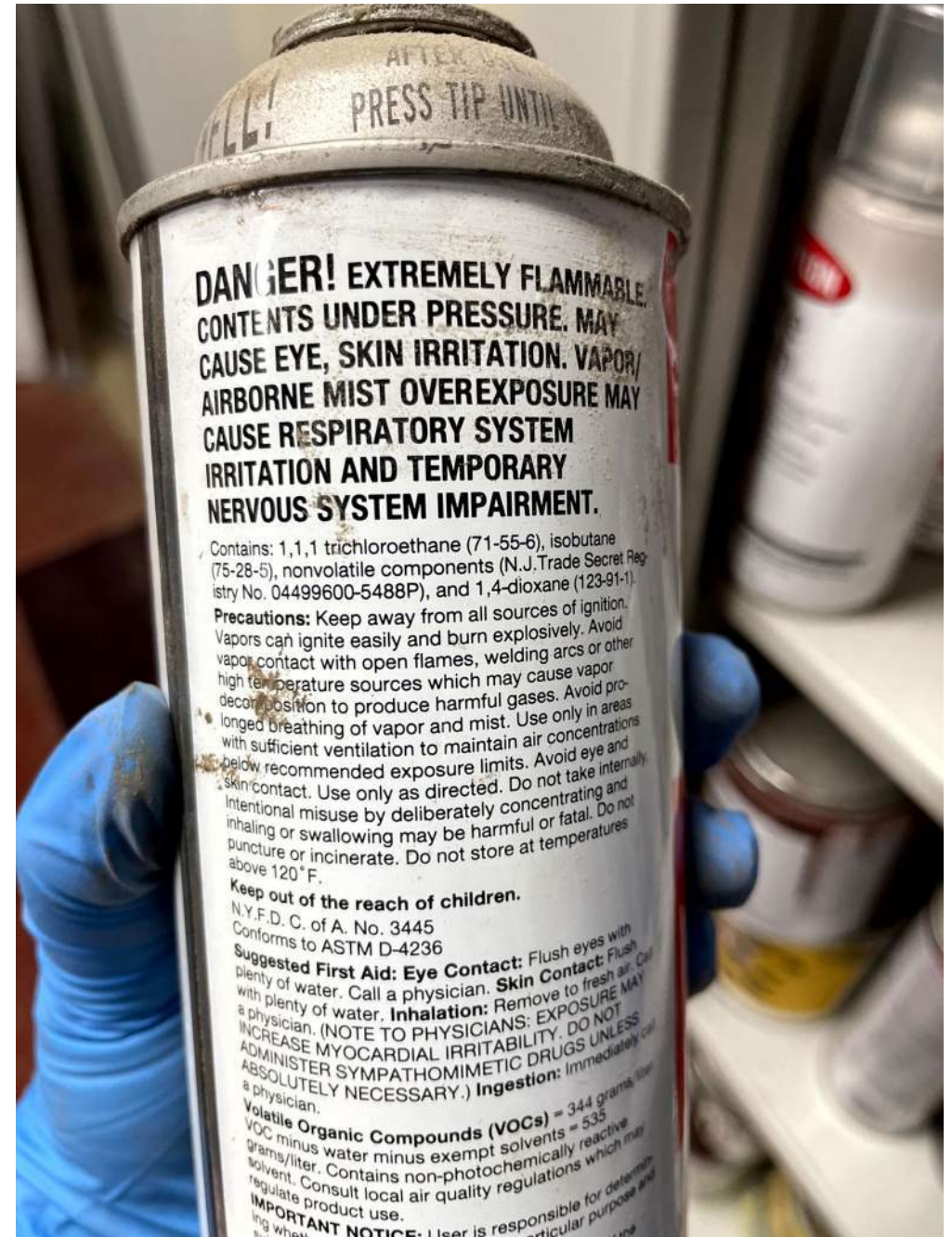
03 - S209 CRL



04 - S209 CRL 2



05 - 3M Adhesive



06 - 3M Adhesive 2

C.T. MALE ASSOCIATES

ATTACHMENT E
VAPOR INTRUSION MITIGATION SYSTEM EVALUATION



VAPOR INTRUSION MITIGATION

SYSTEM EVALUATION

Site Address:

Mirage Mirror and Glass
61 Water Street, Ossining, New York

Prepared for:

Mr. Jim McIver, P.G.
Managing Geologist, Regional Office Manager
CT Male Associates
12 Raymond Avenue, 2nd Floor
Poughkeepsie, NY 12603

Prepared by:

Mr. Daniel Nuzzetti
Senior Project Engineer
OBAR Systems, Inc.
2969 Route 23
Newfoundland, NJ 07435

July 11, 2024

Table of Contents

1. Background	3
2. General Building Information	3
3. Mitigation Concepts	3
4. Existing Mitigation Systems Evaluation	3
4.1 System Overview	3
5. Pressure Field Extension Testing	4
6. Corrective Actions	5

1. Background

Obar Systems was contacted to provide a system evaluation of the existing mitigation system located at 61 Water Street in Ossining, New York. In accordance with the Obar Systems proposal dated May 23, 2024, a system evaluation was completed on June 28, 2024.

2. General Building Information

This report and its appendices apply to the building located at 61 Water Street in Ossining, New York. The building area of concern measures approximately 7,500 square feet and is entirely slab on grade. The majority of the space is unfinished with a small office area near the front of the building.

3. Mitigation Concepts

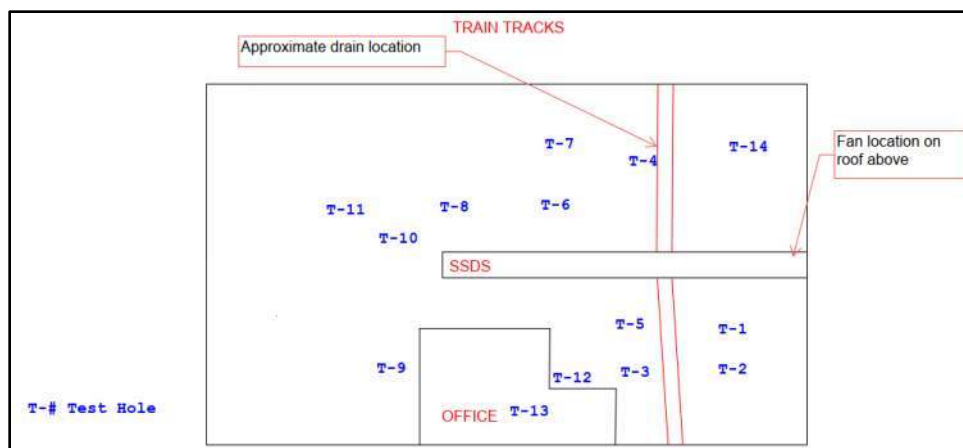
Potential Volatile Organic Compounds (VOCs) located in the soil are drawn into a building by the negative pressure of the building relative to the surrounding soil. As a gas, the VOCs enter the structure through cracks and openings and can migrate through the concrete floor and walls. A common remedy to reverse the intrusion process is Sub Slab Depressurization (SSD), which is a system that depressurizes the soil under the slab. The concept is that by creating a vacuum beneath the slab, the soil gases will be drawn into the system where they can be discharged to a safe location. The defining metric for success of an SSDS is a measurable sub slab pressure differential, since New York DOH does not have a referenced value, the standard of at least -0.004 inches of water column ("w.c.) is typically used as it has been proven to be a sufficient vacuum level to demonstrate continuous depressurization.

4. Existing Mitigation Systems Evaluation

4.1 System Overview

The building is currently being serviced by a single sub-slab depressurization system (SSDS). The SSDS features a trench measuring approximately 50 feet that runs centrally through the unfinished space north to south. The trench terminates into a 4-inch PVC riser on the northern end of the building. The single riser pipe extends above the roofline where a Fantech RN-3 radon fan is installed with a rain cap.

In order to evaluate the effectiveness of the existing SSDS, 5/16-inch test holes were drilled through the slab at various locations (shown on the map below). The existing system is applying approximately 0.73 "w.c. of 36-cfm with a 36-cfm airflow yield.



The following table represents the pressure differential measurements taken at the temporarily installed test holes. All test holes were sealed with a polyurethane based concrete caulk upon completion of the test.

Test Hole #	Distance from Trench (ft.)	Pressure Differential ("w.c.)
T-1	10	-0.015
T-2	20	-0.007
T-3	20	-0.002
T-4	20	No influence*
T-5	10	-0.015
T-6	10	-0.021
T-7	20	-0.006
T-8	10	-0.012
T-9	12	-0.005
T-10	12	No influence*
T-11	24	No influence*
T-12	17	-0.015
T-13	22	-0.004
T-14	20	No influence*

*No negative pressure differential observed

An approximate Radius of Influence (ROI) of 20 feet was observed with the exception of near the drain system west of the trench on the north end of the building (near T-4, T-14). Additionally, influence appeared to be better towards the office area.

5. Pressure Field Extension Testing

Further evaluation of the system was performed by temporarily disabling the existing blower and installing a diagnostic blower in its place. The diagnostic blower was run at a range of applied vacuums and airflows to determine the pressure differentials that could be induced on the sub slab

material at multiple performance metrics. The table below provides the results of that test showing the projected ROI at 60-80cfm.

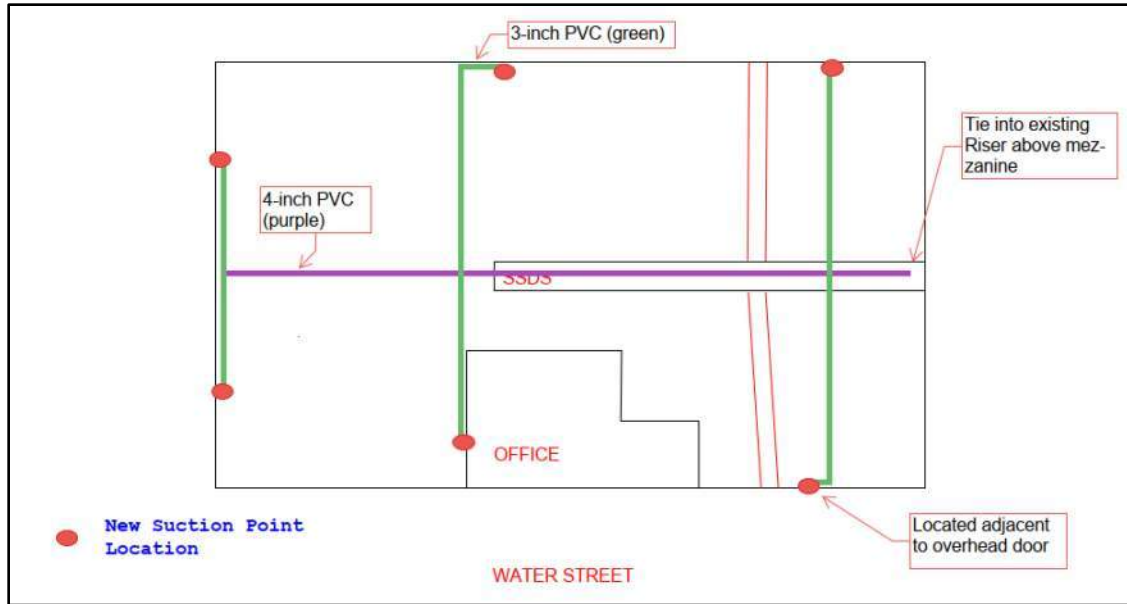
	Distance from trench (ft.)	Series 1	Series 2
Airflow Yield (cfm)		80	60
Applied Vacuum ("w.c.)		-3.4	-2.1
T-1	10	-0.039	-0.025
T-2	20	-0.022	-0.014
T-3	20	-0.014	-0.007
T-4	20	-0.001	No influence*
T-5	10	-0.019	-0.005
T-6	10	-0.066	-0.027
T-7	20	-0.029	-0.011
T-8	10	-0.040	-0.018
T-9	12	-0.022	-0.008
T-10	12	-0.009	-0.005
T-11	24	-0.006	-0.003
T-12	17	-0.039	-0.024
T-13	22	-0.022	-0.017
T-14	20	-0.004	-0.004

*No negative pressure differential observed

6. Corrective Actions

The following is a list of recommended corrective actions to provide sub slab vacuum coverage throughout the building and ensure proper functionality:

- Installation of GBR25R audible visual vacuum gauge on system riser.
- Replacement of existing radon fan with GBR89 mitigation blower. The existing roof penetration can be utilized but the fan will be relocated to at least 6 feet from the edge of the roof. Fan to run at approximately 400cfm and 2-4 "w.c. of applied vacuum.
- Installation of six additional suction points and overhead conveyance piping associated with them (shown on map below).
- Installation of 4 permanent sub slab vacuum ports.



C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C.

12 Raymond Avenue, Poughkeepsie, New York 12603
845.454.4400 www.ctmale.com



July 11, 2024

Emily Barry, P.G., Assistant Geologist
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 3
21 South Putt Corners Road
New Paltz, New York 12561-1620
Via Email: emily.barry@dec.ny.gov

Re: *System Evaluation Report - Corrective Measures Work Plan*
 Hudson Wire Mill Brownfield Cleanup Program Site
 61 Water Street, Village of Ossining, Westchester County, New York
 BCP Site ID: C360065; C.T. Male Project No.: 21.1622

Dear Ms. Barry:

C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture & Geology, D.P.C. (C.T. Male), on behalf of The Wire Mill LLC, is providing you with a copy of the "VAPOR INTRUSION MITIGATION SYSTEM EVALUATION" report prepared by OBAR SYSTEMS as part of the NYSDEC approved Corrective Measure Work Plan (CMWP) dated April 19, 2024, for the above-referenced Site.

The findings, as summarized in the attached report, indicate that the existing system is working but requires some upgrades to provide complete coverage beneath the sub-slab. The owner is fully committed to implementing the proposed system upgrades once the NYSDEC has approved them.

We have tentatively scheduled the sub-slab and indoor air quality testing event to begin on the 19th of July 2024 with the installation of vapor pins, followed by sample collection on the 22nd of July 2024. This will require shut down of the existing SSDS system, including the air purifiers, starting upon completion of the vapor pins installation and ending after sample collection on the 22nd of July. We will restart the SSDS before leaving 61 Water Street and advise the tenant that they may resume operation of the air purifying units.

We look forward to your feedback. Should you have any questions, do not hesitate to contact the undersigned at 845.594.1788 or j.mciver@ctmale.com or Rosaura Andújar-McNeil, P.E. at 845.454.4400 or at r.andujar-mcneil@ctmale.com.

C.T. MALE ASSOCIATES

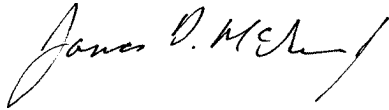
July 11, 2024

Ms. Emily Barry, P.G.

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Sincerely,

C.T. MALE ASSOCIATES

A handwritten signature in black ink, appearing to read "James D. McIver", with a long horizontal flourish extending to the right.

Jim McIver, P.G., Managing Geologist
Regional Office Manager, Lower Hudson Valley

ec: Rosaura, Andujar-McNeil, P.E., C.T. Male

Attachment: OBAR SYSTEMS, Inc. VAPOR INTRUSION MITIGATION SYSTEM
EVALUATION, 61 Water Street, Ossining, New York dated July 11, 2024

ec: Robert Fedigan, Wire Mill LLC
Colleen Carney, Wire Mill LLC
Rosaura Andujar-McNeil, P.E., C.T. Male
Jeffrey A. Marx, P.E., C.T. Male
James S. Arrabito, Esq., Catania, Mahon & Rider, PLLC

C.T. MALE ASSOCIATES

ATTACHMENT F

VAPOR INTRUSION MITIGATION SYSTEM REPORT AND VERIFICATION DATA



Vapor Intrusion Mitigation System

Post Mitigation Report

Site Address:

Mirage Mirror and Glass
61 Water Street
Ossining, New York

Prepared for:

Ms. Rosaura Andujar-McNeil, PE
Environmental Engineer, Project Manager
CT Male Associates
12 Raymond Avenue, 2nd Floor
Poughkeepsie, New York 12603

Prepared by:

Ms. Brittney Christie
Project Scientist
OBAR Systems, Inc.
2969 Route 23
Newfoundland, NJ 07435

November 18, 2024

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2. General System Information 3

3. Commissioning Data..... 3

4. Alarm/Gauge..... 4

5. Operations and Maintenance..... 4

6. Conclusion 4

7. Photos..... 4

Attachments

- Attachment 1 – As Built Drawings
- Attachment 2 – Blower O&M

1. Background

OBAR Systems was retained to modify the previously installed Vapor Intrusion Mitigation System in accordance with the OBAR Systems July 23, 2024 System Modifications Proposal. The subject property is located at 61 Water Street in Ossining, New York. The building area of concern measures approximately 7,500 square feet and prior to modifications was serviced by a single sub-slab depressurization system (SSDS) featuring a suction trench measuring approximately 50 feet that runs centrally through the unfinished space.

2. General System Information

The previously installed sub slab depressurization system was modified to include six (6) additional vertical suction points. Four (4) sub slab monitoring ports were installed to confirm post mitigation pressure differentials, and the existing radon fan was replaced with a GBR89 mitigation blower. The existing roof penetration was used, it is recommended that a certified roofer inspects the roof flashing. All suction point risers and interior and exterior conveyance piping consists of 3" and 4" schedule 40 PVC pipe.

3. Commissioning Data

The following tables display the system's commissioning values. The data presented represents measurements taken after the blower was tuned for optimal efficiency. Commissioning was performed on November 15, 2024.

System #	Fan Type	Vacuum ("w.c.)
System #1	GBR89 (120v)	2.8

Suction Point #	Vacuum ("w.c.)	Ball Valve (% open)
SP 1-1	1.7	100
SP 1-2	0.56	100
SP 1-3	0.016	25
SP 1-4	1.3	100
SP 1-5	0.68	100
SP 1-6	N/A	25
Existing trench	2.78	100

Monitoring Port #	Vacuum ("w.c.)
MP-1	0.005
MP-2	0.012
MP-3	0.026
MP-4	0.009

4. Alarm/Gauge

The system is equipped with one (1) GBR25T digital gauge with built in alarm. The gauge contains a red light and an audible alarm that will activate if the system fails. The gauge is installed adjacent to the riser servicing the previously installed trench suction point.

5. Operations and Maintenance

Vapor Intrusion Mitigation Systems should be checked annually. The following should be checked during inspections:

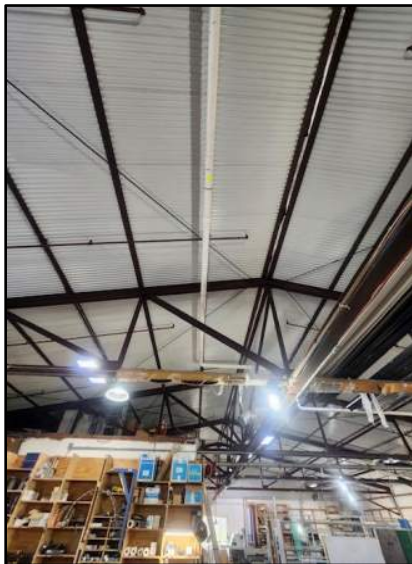
- Visual inspection of all system components
- Measure applied vacuum of each system
- Measure sub slab vacuum at all test ports
- Measure riser vacuum at all risers

In the event of a blower malfunction the systems can be manually restarted by deenergizing the blower (via the circuit breaker or the fan switch) for approximately 1 minute and then restarting the blower. If a manual restart does not work, the blower motor may require replacement. System test ports (riser and sub slab) can be accessed using a 7/16 socket and a flat head screwdriver.

6. Conclusion

The Vapor Intrusion Mitigation Systems installed meet the defining criteria for successful mitigation systems. All sub slab pressure differentials in the area of concern are above the original design target of -0.004"w.c. The systems should be routinely inspected in accordance with the O&M section of this report, in order to ensure compliance.

7. Photos



System Conveyance Piping



Gauge/Audible Alarm



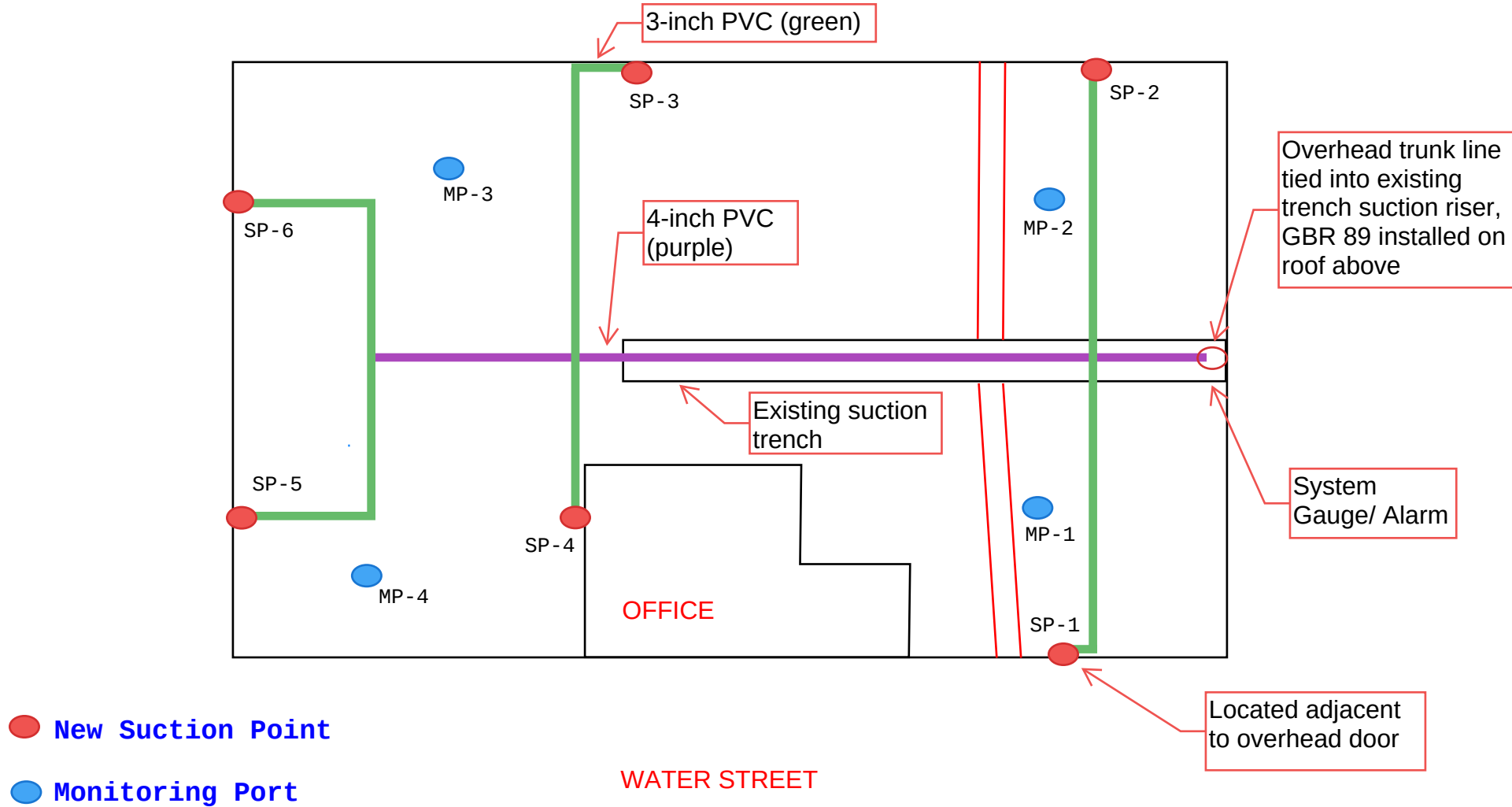
System Blower and Exhaust



System Vertical Riser Pipe

TRAIN TRACKS

NORTH



As Built - 11/18/2024
61 WATER STREET BUILDING
OSSINING, NEW YORK
PREPARED BY OBAR SYSTEMS



2969 Route 23 South
Newfoundland, New Jersey 07435
800-949-OBAR
www.obarsystems.com

Operation and Maintenance for GBR Compact Radial Blowers

76SOE, 76UD and 89HA

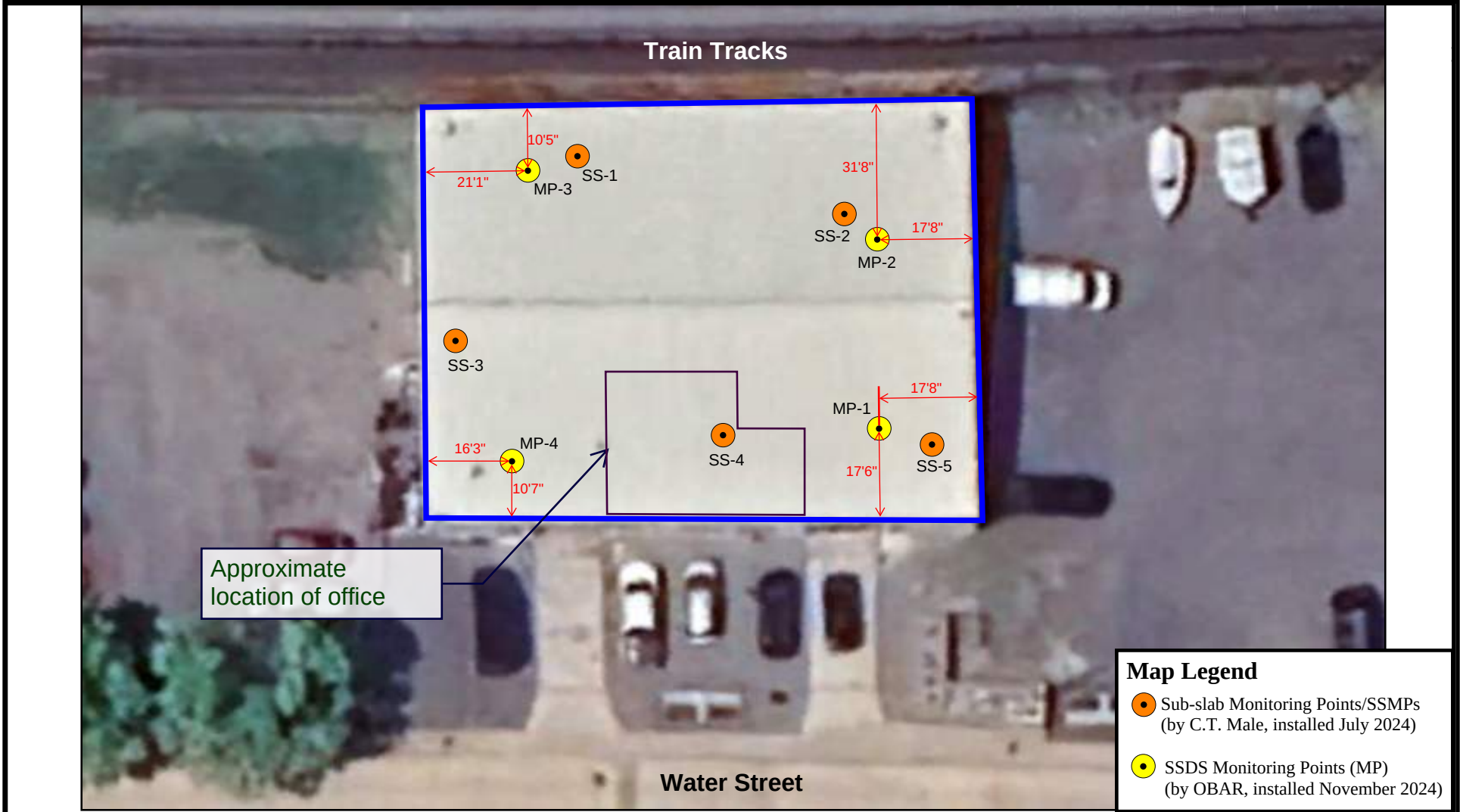
The GBR Series of compact radial blowers do not require any periodic maintenance or service under normal operation.

Information regarding built in protections that will automatically shut down blower operation:

- 1) **Thermal Overload Protection:** Extreme temperatures due to climate or over-speed operation may cause the blower to shut down to protect internal components. This will happen when internal temperatures exceed 60 degrees Celsius (140 F). Allow the blower time to cool and preform a manual restart (see below). If possible the blower should be tuned to a lower speed to reduce the running temperatures.
- 2) **Voltage Protection:** In the event of a voltage spike or drop, unit will shut down to protect internal components. The building's electric service should be checked to ensure it is within the blower's operating range. Additionally, a voltage conditioner can be installed to ensure clean, constant voltage to the unit. In this case, a manual restart must be performed (see below).
- 3) **Optical/Obstruction Sensor:** If blower experiences a shutdown event due to a power loss and ice is allowed to form on impellers, the optical sensor will prevent a restart. Before attempting a restart (see below) ensure the impeller is free.
- 4) **NOTE:** It is necessary for the blower enclosure to maintain a water-tight seal. If unit has been serviced or disassembled for any reason, ensure both intake and discharge couplings have been resealed using Teflon tape and a bead of clear, waterproof silicone is reapplied where the discharge coupling meets the enclosure. Moisture in the housing can cause blower failure or shutdown due to a fogged optical sensor.

Manual Restart Procedure: Disconnect power supply to the blower for at least 30 seconds to allow internal components to reset. Check voltage to ensure it is within blower's operating range. Check all electrical components to ensure proper connection is being made. Reconnect power supply to the blower unit.

It is recommended that these units be monitored by a pressure switch alarm adjusted to indicate a system failure at a vacuum specified by the installer. Alarms and remote monitoring solutions are available from Obar Systems.



Map Legend

- Sub-slab Monitoring Points/SSMPs (by C.T. Male, installed July 2024)
- SSDS Monitoring Points (MP) (by OBAR, installed November 2024)

Notes:

1.) Locations and features depicted on this map are approximate and do not represent an actual field survey.

2.) Sampling locations are subject to change based on field conditions.

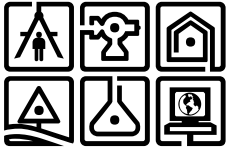
 C.T.MALE ASSOCIATES ENGINEERING, SURVEYING, ARCHITECTURE LANDSCAPE ARCHITECTURE & GEOLOGY, D.P.C. 12 RAYMOND AVENUE POUGHKEEPSIE, NY 12603	61 WATER STREET WIRE MILL SITE		Photo Reference: <i>Google Earth Imagery, accessed on-line June 7, 2024.</i>
	VILLAGE OF OSSINING	WESTCHESTER COUNTY, NEW YORK	Date: 11/20/2024
	Scale: NOT TO SCALE	Project No. 21.1622	Drafter: ML

Table 1: Sub-slab Monitoring Point Measurements

Monitoring Point ID	Pressure ("w.c.) ¹
SS-1	Inaccessible
SS-2	-0.015
SS-3	-0.046
SS-4	-0.077
SS-5	-0.308

Table 2: Pressure Gauge Measurement

Gauge	Pressure ("w.c.) ¹
Gauge 1	2.526

¹ "w.c. = Inches of Water Column

Table 1: Sub-slab Monitoring Point Measurements

Monitoring Point ID	Pressure ("w.c.) ¹
MP-01	-0.005
MP-02	-0.016
MP-03	-0.025
MP-04	-0.009

Table 2: Pressure Gauge Measurement

Gauge	Pressure ("w.c.) ¹
Gauge 1	2.787

¹ "w.c. = Inches of Water Column

C.T. MALE ASSOCIATES

ATTACHMENT G
CHEMICAL INVENTORIES - JULY AND DECEMBER 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes	Key
StraitLine Marking Chalk Blue	Irwin	1	8 oz / 227 g	plastic bottle	deteriorated	calcium carbonate, sodium aluminosulphosilicate, ultramarine blue 29, crystalline silica / qtz		Ingredients listed on SDS. No PCE/TCE
StraitLine Marking Chalk Red	Irwin	1	8 oz / 227 g	plastic bottle	used	calcium carbonate, red iron oxide, silica crystalline/qtz		Ingredients listed on SDS. PCE/TCE present
Loctite SF 7649 Primer Part 19269	Henkel	1	1.75 fl oz	glass bottle	used	acetone, 2 ethylhexanoic acid		Information Unavailable
Blue Chalk	DeWALT	1	8 oz	plastic squeeze bottle	used	SDS not available		
Wet Abrasive Belts	CR Laurence Co (CRL)	1	unknown	box	unopened	Carborundum, Phenol Polymer with Formadehyde, calcium carbonate, PE backing		
Molecular Sieve Adsorbent SLN20417	CRL	1	5 lbs	metal can	unopened	zeolite, silicone oxide		
Carpenters Wood Filler Interior	Elmers	1	8 oz / 226 g	plastic tub	used	limestone containing >0.1 and <1% crystalline silica, propane-1,2-diol, crystalline silica,non-respirable		
plastic wood all purpose wood filler	DAP	1	8 oz / 226 g	plastic tub	used	limestone, fly ash, titanium dioxade, quartz, attapulgite, phenolphthalein		
Silicone Building Sealant 95C	CRL	16	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Crystalline Silica, Quartz*, Methanol		
Industrial and Construction RTV Silicone Cat No RTV408	CRL	1	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Crystalline Silica, Quartz, Methanol		
Silicone Sealant Cat. No. 33S	CRL	73	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Aluminum		
Insulating Glass Silicone Sealant Cat No 9542	CRL	17	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Methanol		
895 NST	Pecora Corporation	4	~10.3 fl oz / 305 mL	Caulk Tube	used	Proprietary Polydimethyl Siloxane, Calcium Carbonate, Organic Methyl Silane, Proprietary Mineral Spirits (contains less than 0.1% benzene), Proprietary Cyclosiloxane, Proprietary Phenylated Ketoxomio Silane, Quartz, Carbon Black		
A7+ Concrete and Masonry Anchoring Adhesive Part No A7P-10D	Red Head	1	9.5 oz / 280 mL	Caulk Tube	deteriorated	Quartz, limestone, 2-Propenoic acid, 2methyl-, monoester with 1,2-propanediol, Vinyltoluenes		
100% Silicone	GE	1	10.1 fl oz / 299 mL	Caulk Tube	used	Silica, amorphous, fumed, crystal-free, 1,1,1,3,3,3-Hexamethyldisilazane, Trimethoxy(methyl)silane, octamethylcyclotetrasiloxane	SDS from updated product. SDS of actual product not readily available.	
DAP Acrylic Latex Caulk plus Silicone	DAP	1	11.2 fl oz / 330 mL	Caulk Tube	deteriorated	Limestone, Branched and linear phthalates, Titanium dioxide, Silica, crystalline, Ethylene glycol, Ammonia, Formaldehyde		
Vinyl Adhesive Caulk, Shade Almond	Phenoseal	1	10 fl oz / 296 mL	Caulk Tube	deteriorated	"The resource you are looking for might have been removed, had its name changed, or is temporarily unavailable"	SDS unavailable, limited info on container	
SCS2000 SilPruf	GE	1	~10 fl oz / 296 mL	Caulk Tube	used	Calcium Carbonate, Titanium dioxide, Octadecanoic acid, Octamethylcyclotetrasilozane, Quartz		
Gunther Ultra / Bond mirror mastic	CRL	1	300 mL	Caulk Tube	deteriorated	Naptha (petroleum), acetone, xylene, ethylbenzene		
Clear Silicone Sealant	DOWSIL	2	305 mL / 10.3 fl oz	Caulk Tube	used	silicone dioxide		
Contractor Grade Glazing Compound	Wonder Putty	3	128 gl oz	plastic tub	unopened	Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)	Relocated by C.T. Male Outside	

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent

Product Inventory
61 Water Street
Shelving Along Northern and Western Building Walls
July 22, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients
Way Lubricant - ISO 220	Castrol	1	35 lbs / 15.8 kg	Bucket	deteriorated	Base Oil (highly refined)
Contractors Weatherproofing Sealant	DOWSIL	30+	10.3 fl oz / 305 mL	Cylindrical Container	unopened	Diisopropoxydi(ethoxyacetoacetyl)titanate, Octamethyl Cyclotetrasiloxane
Sikaflex 221, 227	Sika	50+	10 fl oz / 296 mL	Caulk Tube	unopened	xylene, 4,4'-methylenediphenyl diisocyanate, ethylbenzene, Quartz (SiO2) >5µm
Loctite PL 3x Premium Construction Ashesive	Henkel	9	10 fl oz / 296 mL	Caulk Tube	unopened	Talc, Methylenebis(phenylisocyanate), Hydrocarbon C11-25 dearomatized, Methylene bisphenyl isocyanate

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Key

	Ingredients listed on SDS. No PCE/TCE
	Ingredients listed on SDS. PCE/TCE present
	Information Unavailable

Product Inventory
61 Water Street
Shelving Along Southern Building Wall
July 22, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes	Key	
Contractor G2:35rade Glazing Compound	Wonder Putty	1	128 gl oz	plastic tub	used	Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)	Relocated by C.T. Male Outside		Ingredients listed on SDS. No PCE/TCE
DryLok Fast Plug Hydraulic Cement	UGL	3	1.8 kg / 4 lbs	plastic tub	used	Quartz, Portland Cement, Calcium hydroxide			Ingredients listed on SDS. PCE/TCE present
Anti-Seize Lubricant #80078	Permatex	1	8 oz / 226 g	metal can with screw top lid	used	Calcium oxide, graphite, aluminum powder, paraffin oils (petroleum) catalytic dewaxed light			Information Unavailable
Swahili	firenzecolor	1	unknown	plastic bucket	used	No SDS available online. Product Name written in Sharpie. Limited information on container and on website.	Relocated by C.T. Male Outside		
Novalux	firenzecolor	1	unknown	plastic bucket	used	No SDS available online. Product Name written in Sharpie. Limited information on container and on website.	Relocated by C.T. Male Outside		
OmniGrip Maximum Strength Adhesive	Custom Building Products	1	1 gal / 4 qt	plastic bucket	used	Calcium carbonate, distillates (petroleum), ethylene glycol			
Polishing Compound	GlassRenu	3	16 oz	plastic bottle	used	Cerium Oxide			
Clear Silicone Sealant	DOWSIL	5+	305 mL / 10.3 fl oz	Caulk Tube	unopened	silicone dioxide			
Silicone Foam and Metal Spacer I.G. Sealant Cat No 877	CR Laurence Co (CRL)	7	10.3 fl oz / 305 mL	Caulk Tube	unopened	Limestone, MS Polymers (CAS Number Proprietary), Silane ethenyltrimethoxy-, Calcium Carbonate, Carbon Black (if needed), Tin catalyst, Titanium Dioxide (if needed)			
All Purpose 100% Silicone	GE	1	10.1 fl oz / 299 mL	Caulk Tube	used	silicone dioxide			
Glass cleaner SW-050	Sprayway	25+	19 oz / 539 g	metal spray can	unopened	alcohol, butoxyethanol, propane, t butyl alcohol, butane			
Gunther Ultra / Bond mirror mastic	CRL	3	300 mL	Caulk Tube	unopened and used	Naptha (petroleum), acetone, xylene, ethylbenzene			
Mirror Grip Sikaflex-124	Sika	1	10.1 fl oz / 300 mL	Caulk Tube	used	4,4'-methylenediphenyl diisocyanate, ethylbenzene, Quartz (SiO2) <5µm			
Silicone Building Sealant 95C	CRL	5	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Crystalline Silica, Quartz*, Methanol			
Sikasil GP	Sika	1	295 mL / 10 fl oz	Caulk Tube	unopened	Silsesquioxanes, 3-aminopropyl Me, ethoxyterminated, (Morpholino)methyltriethoxysilane			
Insulating Glass Silicone Sealant Cat No 9542	CRL	17	10.3 fl oz / 305 mL	Caulk Tube	used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Methanol			
DAP Acrylic Latex Caulk plus Silicone	DAP	1	11.2 fl oz / 330 mL	Caulk Tube	used	Limestone, Branched and linear phthalates, Titanium dioxide, Silica, crystalline, Ethylene glycol, Ammonia, Formaldehyde			

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Product Inventory
61 Water Street
Bathroom Products
May 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients
Pine Scented Cleaner	Homeline	1	24 fl oz	plastic bottle	deteriorated	Active Ingredients: Octyl Decyl Dimethyl Ammonium Chloride Dioctyl Dimethyl Ammonium Chloride Didecyl Dimethyl Ammonium Chloride Alkyl (c14, 50%; C12, 40%; C16, 10%) Dimethyl Benzyl Ammonium Chloride Other Ingredients
Alcohol Based Unscented Hand Santizer Gel	Nature's Oil	1	1 gallon	plastic gallon	used	ethanol 62%, aloe barbadensis leaf, carbomer, dimethicone, triisopropanolamine, water
24 hour Multi Purpose Cleaner (Fresh Scent)	Microban	1	32 fl oz	plastic spray bottle	used	C12-C16 Alkyl dimethyl benzyl ammonium chloride, octyl decyl dimethyl ammonium chloride, didecyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, water, dipropylene glycol butyl ether, polyethyloxazoline, C9-11 Alketh, Triethanolamine, fragrance
Glass Cleaner	Sprayway	2	19 oz	metal spray can	used	alcohol, butoxyethanol, propane, t butyl alcohol, butane
Gentle and Clean Foaming Hand Soap	Bath and Body Works	2	32 fl oz	cardboard carton	used	water, disodium laureth sulfosuccinate, cocamidopropyl hydroxysultaine, PED 40 hydrogenated castor oil, propanediol, sodium cocoyl glycinate, fragrance, PEG-7 glyceryl cocoate, sodium C14-16 olefin sulfonate, pheoxyethanol, hydroxyacetophenone, caprylyl glycol, aloe barbadensis leaf juice, disodium edta, butyrospermum parkii (shea) butter extract, tocopheryl acetate, BHT, sodium hydroxide, citric acid
Alcohol Sanitizer Spray, product # 090001	Zep	1	1 qt	plastic spray bottle	used	ethanol, deionized water, glycerine
Tres Two Spray Extra Hold	Tresemme	1	11 oz	metal spray can	used	SD Alcohol 40-B (alcohol denat), hydrofluorocarbon 152a, VA, crotonates, Vinyl neodecanoate, copolymer, octylacrylamide, acrylates, butylaminoethyl, methacrylate copolymer, aminomethyl propanol, dimethyl stearamine, fragrance
Keratin Healing Oil Lustrous Finishing Spray	Lanza	1		metal spray can	used	ethanol, 2-amino-2-methyl-1-propanol, fragrance, 1,1-difluoroethane
Olive Oil Lotion	Dream	1	100mL	plastic tube	used	Water, glycerin, isopropyl, myristyate, mineral oil, olive oil
Mix Bar Perfume				plastic spray bottle	used	alcohol denat., fragrance (parfum), water (aqua/eau), limonene, linalool, citronellol, citral, benzyl alcohol, geraniol
unstoppables touch fabric spray, paradise	fabreze	1	800 mL	plastic spray bottle	used	ethanol, alcohol
ANTIBAC bathroom cleaner	method	1	28 fl oz	plastic spray bottle	used	Citric Acid, Other Ingredients
24 hour sanitizing spray	Microban	1	15 oz	metal spray can	used	alkyl dimethyl benzyl, ammonium chloride, octyl decyl dimethyl ammoium chloride, didecyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, nitrogen, quaternary ammonium compounds, benzyl-c12-16-alkyldimethyl, chlorides, didecyl dimethyl ammonium chloride, ethanol
Wood Polish and Conditioner	Orange Glo	1	16 fl oz	plastic spray bottle	used	Distillates (petroleum), mineral oil, orange oil
Laundry Santizier 0% bleach	lysol	1	90 fl oz	plastic bottle	used	Alkyl dimethyl benzyl ammonium chloride, octyl decyl dimethyl ammonium chloride, didecyl dimethyl, ammonium chloride, dioctyl dimethyl ammonium chloride, water, C-10 Pareth, fragrance, sodium bicarbonate, sodium carbonate, colorant, beta-napthyl methyl ether, cis-2-tert-butylcyclohexyl acetate, dihydromyrcenol, dipropylene glycol, eugenol, floral pyranol, isobornyl acetate, oxacyclohexadec-12-en-2-one, phenethyl alcohol, ethanol, isopropyl alcohol
One Step Mop and Glo	Reckitt Benckiser	1	32 fl oz	plastic bottle	used	Diethylene glycol monoethyl ether

Key
Ingredients listed on SDS. No PCE/TCE
Ingredients listed on bottle. No PCE/TCE
Ingredients listed on website. No PCE/TCE
Information Unavailable
Ingredients listed on SDS. PCE/TCE present

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Product Name	Brand	Quantity	Size	Container	Condition	Ingredients	Notes
S209 Aerosol Mirror Edge Sealant	CRL	1	10.5 oz	Aerosol Spray Can	Uncapped, damaged actuator, residue	Solvent naphtha (petroleum, TCE, Acetone, Butane, Propane, Xylene, 1,2-Butylene Oxide, Isobutyl Methacrylate, n-Heptane, Octane, Toluene	PID Reading 1.7ppm
Solvent Cleaner and Degreaser	CRL	1	20. oz	Aerosol Spray Can	Old can, rusted, capped	1,1,2-trichloro-ethene, CO2, 2-chloromethyloxirane	PID Reading 10.8ppm
"JR" otherwise unlabeled spray bottle	Unknown	1	Unknown	Plastic Spray Bottle	Good condition	unknown	PID Reading 4.0ppm
Polishing Oil CRL920	CRL	11	11 oz / 312 g	aerosol spray can	Used, varied conditions	White Mineral Oil 8042-47-5, Naptha (petroleum) hydrotreated light 64742-49-0, propane 74-98-6, n-Heptane 142-82-5, pine oil 8002-09-3	
Interior Exterior	Krylon	3	12 oz / 340 g	aerosol spray can	Used	keytones, hydrocarbon propellants, xylene, acetates, ethylbenzene, and toluene	
Stainless Steel Cleaner	CRL	6	15 oz / 425 g	aerosol spray can	Used	petroleum gases 68476-85-7, Hydrocarbons, C11-C12, isoalkanes, <2% aromatics, Hydrocarbons C11-C13 Isoalkanes <2% aromatics 90622-58-5	
Undercoating	Rustoleum	3	15 oz / 425 g	aerosol spray can	Used	toluene	
Custom Color	Sterling Colors LLC	2	12 oz / 340 g	aerosol spray can	Used	PM Acetate (108-65-6)	
Painter's Touch 2x UltraCover Paint and Primer, Flat Black	Rust-oleum	3-5	12 oz / 340 g	aerosol spray can	Used	Acetone, liquefied petroleum gas, petroleum distillates, and aromatic hydrocarbons	
Painter's Touch 2x UltraCover Paint and Primer Matte Clear	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Acetone, liquefied petroleum gas, petroleum distillates, n-butyl acetate, dimethyl carbonate, xylene, glycol ethers	
Painter's Touch 2x UltraCover Paint and Primer, Winter Gray Gloss	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Acetone, liquified petroleum gas, naptha, xylene, n-butyl acetate, and glycol ethers	
Painter's Touch 2x UltraCover Paint and Primer, Semi-Gloss Black	Rust-oleum	2	12 oz / 340 g	aerosol spray can	Used	Acetone, liquified petroleum gas, petroleum distillates, and xylene	
Painter's Touch 2x UltraCover Paint and Primer, Mango	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	toluene, acetone, and xylene	
Painter's Touch 2x UltraCover Paint and Primer, Meadow Green	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	acetone, liquefied petroleum gas, naptha, xylene, asnd n-butyl acetate	
Painter's Touch 2x UltraCover Paint and Primer, White semi-gloss	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	liquified petroleum gas, acetone, petroleum distillates, xylene, and n-butyl acetate	
Painter's Touch 2x UltraCover Paint and Primer, Satin	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	liquified petroleum gas, acetone, petroleum distillastes, and xylene	
Painter's Touch 2x UltraCover Paint and Primer, Satin Charcoal Grey	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane Carbon Black Stoddard Solvent Zirconium 2-Ethylhexanoate Methyl Ethyl Ketoxime Zirconium	
Painter's Touch 2x UltraCover Paint and Primer, Satin Stone Grey	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane, Zirconium 2-Ethylhexanoate Methyl Ethyl Ketoxime Zirconium Acetate	
Painter's Touch 2x UltraCover Paint and Primer, Gloss Apple Red	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Magnesium Silicate Titanium Dioxide n-Butyl Acetate, prpylene glycol monobutyl ether, pigment red 170, hydrottreated light distillate, barium sulphate, ethylbenzene, solvent naphtha, Zirconium 2-Ethylhexanoate Zirconium Acetate	
Painter's Touch 2x UltraCover Paint and Primer, Gloss Dark Gray	Rust-oleum	1	12 oz / 340 g	aerosol spray can	Used	Distillate n-Butane Xylenes (o-, m-, p- Isomers) Hydrous Magnesium Silicate Titanium Dioxide n-Butyl Acetate Ethylbenzene n- Heptane Octane Aliphatic	
Flex Seal Clear	Flex Seal	4	14 oz	aerosol spray can	Used	Proprietary Polymer, Nepheline Syenite, Titanium Dioxide(White/Gray), CarbonBlack(Black/Gray), Octamethylcyclotetrasiloxane, 2-Butanone,O,O', O''-(Methylsilylidyne) Trioxime, Silica, Amorphous, fumed, crystalfree, 2-Butanone, O,O',O''-silanetetrayltetraoxime	
Touch Up Paint	CRL	4	12 oz / 340 g	aerosol spray can	Used	86-4), propylene	

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Product Name	Brand	Quantity	Size	Container	Condition	Ingredients	Notes
Chalky Finish	Krylon	1	12 oz / 340 g	aerosol spray can	Used	ethoxypropionate	
Spray Penetrant	CRL	1	12 oz / 340 g	aerosol spray can	Used	propane	
White Lithium Grease	B'laster	1	11 oz / 311 g	aerosol spray can	Used	petroleum distillates, propane, n-butane, zinc oxide	
Colormaster	Krylon	1	12 oz	aerosol spray can	Used	acetone, propane, butane, toluene, isobutyl acetate, ethyl 3-ethoxypropionate, trimethylpentanediol diisobutyrate, carbon black, MEK, Light Aliphatic Hydrocarbon	
Freez-It Spray	CRL	5	6.5 oz / 184 g	aerosol spray can	Used	butane, propane, ethyl alcohol	
Spray Adhesive	Krylon	1	11 oz / 311g	aerosol spray can	Used	mehtyl acetate, propane, butane, heptane, berdesol	
Cold Galvanizing Compound	Rustoleum	3	12 oz / 340 g	aerosol spray can	Used	Zinc, Hydrotreated Light Distillate, Zinc Oxide, Zeolite, Xylenes (o-, m-, p- Isomers), Methyl Ethyl Ketoxime	
Fillclean 3682071	Spray max	1	7.5 oz. / 212 g	aerosol spray can		dimethyl ether, acetone, propylene glycol monomethyl ether acetate	
Chain Wax	Maxima	1	5.5 Oz (156 GM)	aerosol spray can	Used	Petroleum gas, n-Hexane, 2-propanone, petroleum hydrocarbon, aliphatic hydrocarbons	
Air Compressor Oil	CH	1	16 fl. oz / 473 mL	plastic bottle	Used	petroleum distillates, phosphorodithioic acid	
Cutting Fluid	TAP Magic	2	16 fl oz / 473 mL	metal container	Used	Distillates (petroleum), aliphatic organic ester, cinnamaldehyde	
Match Up Paint	CRL	6	unknown	aerosol spray can	Used	acetone, propane blend, isobutyl acetate, VM&P Naptha, Titanium Dioxide, Isopropyl Alcohol, Ethylene glycol mono-butyl ether, methyl ethyl ketone, phenylethane	
Cutting Oil	Sprayon	1	12 oz / 340 g	aerosol spray can	Used	heavy naphthenic petroleum oil, heavy paraffinic oil, alkanes C14-1 chloro	
Xmatch	Cardinal	1	~12 oz	aerosol spray can	Used	Propane Blend, Acetone, Methyl Ethyl Ketone, Acetic acid, methyl ester methyl ,acetate, Dipropylene Glycol Methyl Ether Acetate, n-Butyl Acetate	
Belt Dressing	Carquest	1	7.5 oz / 212 g	aerosol spray can	Used	stoddard solvent, carbon dioxide, trimethylbenzene, ethylbenzene, benzene 1 methylethyl	
WD40	WD40	4	3 oz / 84 g	metal can	Used	LVP aliphatic hydrocarbon, petroleum base oil, aliphatic hydrocarbon, carbon dioxide	
Hi-Build Enamel Fleet Coating	Duplicolor	1	16 oz	aerosol spray can	Used	Acetone ≥25 - ≤50 67-64-1, Propane ≥10 - ≤25 74-98-6, Butane ≥10 - ≤25 106-97-8, n-Butyl Acetate ≤10 123-86-4, Xylene, mixed isomers ≤5 1330-20-7, Barium Sulfate ≤3 7727-43-7, Calcium Carbonate ≤3 471-34-1, Methyl Isobutyl Ketone ≤3 108-10-1, Ethyl 3-Ethoxypropionate ≤3 763-69-9, Carbon Black ≤1 1333-86-4, Toluene <1 108-88-3, Ethylbenzene <1 100-41-4, Methyl Ethyl Ketoxime <1 96-29-7, Stoddard Solvent	
Industrial Strength Custom Color Spray Paint	HEDRIX	6	11 oz / 312 g	aerosol spray can	Used	isobutane 75-28-5, acetone 67-64-1, glycol ether EB 111-76-2, glycol ether PM 107-98-2	
Bio-Clean Water Stain Remover	CRL	10	16 fl. Oz / 473 mL	plastic bottle	Used	Silica(1480-60-7) 35-40 % WT, C9-11 Alcohol Ethoxyl	
Spectramaster Custom Color	Spectramaster	3	12 oz	aerosol spray can	Used	Unknown	
Belt Dressing and Conditioner	Permatex	1	5 oz / 141 g	aerosol spray can	Used	n hexane, naphtha, butane, propane, sodium nitrite, cyclohexane	
Penetrating Catalyst	B'Laster	2	unknown	aerosol spray can	Used	No information available online.	
Complete Engine Treatment	Lucas Oil Products	3	1 pt / 16 fl oz / 473 mL	metal canister	Used	Distillates (petroleum) hydrotreated light, hydrocarbyl amine	
Premium Wood Glue	TiteBound	1	8 oz / 237 mL	plastic squeeze bottle	Used	"There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section." - Per SDS.	

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Product Name	Brand	Quantity	Size	Container	Condition	Ingredients	Notes
Inverted Marking Paint	Rustoleum	4	15 oz / 425 g	aerosol spray can	Used	acetone, liquified petroleum gas, petroleum distillates, n-butyl acetate, aromatic hydrocarbons	
Custom Color	Upol	2	7 oz / 201 g	aerosol spray can	Used	acetone	
Gloss Protective Enamel	Rustoleum	5	12 oz / 340 g	aerosol spray can	Used	toluene, acetone, and xylene	
Super 77 Multipurpose Adhesive	3M	1	16.75 oz	aerosol spray can	Used	Acetone, Propane, Non-Volatile Components - NJTS Registry No. 04499600-6433P, 2-Methylpentane, Cyclohexane, Terpene Phenolic, Ethyl Alcohol, Pentane, Petroleum Resins, Non-Volatile Resin, Hexane, Toluene	
DOT 3&4 Brake Fluid	Valvoline	1	32 fl oz / 946 mL	plastic bottle	Used	Diethylene glycol monobutyl ether 112-34-5, Diethylene glycol, Diethylene glycol monoethyl ether 111-90-0	
AA326 Adhesive	Loctite	1	1.69 fl oz	plastic bottle	Used	2-Hydroxyethyl methacrylate, Isobornyl methacrylate, Hydroxypropyl methacrylate, Acrylic acid, Cumene hydroperoxide, methacrylic acid, Acetic acid, 2-phenylhydrazide, 2-Propenoic acid, 2-methyl-, 2-(2-hydroxyethoxy)ethyl ester	
Weldwood Contact Cement	DAP	2	3 fl oz / 88.7 mL	metal can	Used	Toluene, MEK, Light aliphatic solvent naptha, n-Heptane, magnesium oxide fume	
360 Multisurface Cleaner	Sprayway	1	unknown	unknown	used	Not listed https://www.spraywayinc.com/content/sds-safety-data-sheets	
Misc Lubricant (faded label)	Unknown	1	Unknown	unknown	Used	Unknown	
Matte Finish	Krylon	1	11 oz / 311g	aerosol spray can	Used	keytones, hydrocarbon propellants, toluene and aliphatic hydrocarbons	
High Build Enamel Fleet Coating	Dupli-Color	1	16 oz / 453 g	aerosol spray can	Used	aromatic hydrocarbons and ketones	
Penetrating Oil	Liquid Wrench	1	16 oz / 473 mL	plastic bottle	Used	hydrotreated light naphthenic distillates petroleum, tripropylene glycol monomethyl ether, carbon dioxide, trimethylolpropane trioleate, polytetrafluoroethylene (PTFE), Boron Nitride	
EZ Touch MasterBlend Solvent	Omni-Fill	2	unknown	aerosol spray can	Used	acetone, propane, MEK, ethyl 3-ethoxypropionate	
Exterior Spray Fast Drying Polyurethane	ZAR Ultra	1	11 oz / 312 g	aerosol spray can	Used	acetone, toluene, propane, isobutane, and petroleum distillates	
Industrial Choice Precision Line Solvent Base	Rustoleum	3	17 oz	aerosol spray can	Used	Acetone, Propane, Naphtha, Petroleum, Hydrotreated Light, n-Butane, Aliphatic Hydrocarbon, Hydrous Magnesium Silicate, Xylenes (o-, m-, p- Isomers), n-Butyl Acetate, Pigment Red 170 Titanium Dioxide, Pigment Red 101, Yellow Iron Oxide, Ethylbenzene, Ethylbenzene, n-Heptane, Zirconium Acetate	
7649 Primer / Henkel	Loctite	1	1.75 fl oz	glass bottle	Used	acetone, 2 ethylhexanoic acid	
Glass Cleaner	Sprayway	30-50	19 oz / 539 g	metal spray can	unopened and used	alcohol, butoxyethanol, propane, t butyl alcohol, butane	
Colormaxx paint and primer	Krylon	1	12 oz / 340 g	aerosol spray can	Used	propane, butane, LT. Aliphatic Hydrocarbon, solvent, toluene, ethylbenzene, acetone, isobutyl acetate, crystalline silica, carbon black	
BIN Shellax Base Primer	Zinsser	2	13 oz / 369 g	aerosol spray can	Used	acetone, ethanol, liquified petroleum gas	
Sanitizing Spray	Microban	1	32 fl oz	plastic spray bottle	used	C12-C16 Alkyl dimethyl benzyl ammonium chloride, octyl decyl dimethyl ammonium chloride, didecyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, water, dipropylene glycol butyl ether, polyethyloxazoline, C9-11 Alketh, Triethanolamine, fragrance	
Multi-purpose Cleaner/Disinfectant	Spray Nine	1	24 fl oz / 710 mL	plastic bottle	Used	"this product contains no substances which at their given concentration are considered to be hazardous to health" - Per SDS.	
Final Blend Thinner 10-107-25	GPT	2	1 qt	metal can	used, deteriorated label	https://gptglasspaint.com/	

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Product Name	Brand	Quantity	Size	Container	Condition	Ingredients	Notes
Metal, Plastic and Fiberglass Polish and Paint Re	FLITZ	1	1 qt	metal paint can	Used	Water, Aluminum Oxide , Oleic Acid, Hydrocarbons, C12-C15, n-alkanes, isoalkanes,cyclics, Hydrocarbons, C13-C16, iso-alkans , cyclics, Hydrocarbons, C13-C18, n-alkanes, isoalkanes, Hydrocarbons, C11-C14, n-alkanes, isoalkanes, cyclics, Hydrocarbons, C13-C15, n-alkanes, isoalkanes, cyclics, Amides, C8-C18 (even numbered), and C 18 unsatd, N,N-Bis , Ammonia solution	
Metallic	Krylon	2	11 oz / 311 g	aerosol spray can	Used	keytones, hydrocarbon propellants, aliphatic hydrocarbons, xylene, toluene, aromatic hydrocarbons, aetates	
New and Improved Polishing Compound	Glass Renu	1	16 fl oz / 473 mL	spray bottle	Used	"hazardous ingredients: none known" - Per SDS.	
Silicone Remover and Surface Prep	CRL	1	16 fl. Oz / 473 mL	plastic bottle	Used	Silica(1480-60-7) 35-40 % WT, C9-11 Alcohol Ethoxyl	
General Purpose Adhesive Cleaner 08987	3M	1	15 oz / 425 g	aerosol spray can	Used	xylene, VM&P Naphtha, Propane, Ethylbenzene, Toluene, Benzene	
Painters Touch Satin	Rustoleum	1	12 oz / 340 g	aerosol spray can	Used	liquified petroleum gas, acetone, petroleum distillastes, and xylene	
Helmsman Spar Urethane Clear Gloss	Minwax	1	11.5 oz / 326 g	aerosol spray can	Used	aliphatic hydrocarbons and ketones	
Multimax	SEM	1	12 oz / 340 g	aerosol spray can	Used	petroleum gases, acetone, toluene, talc, isobutyl acetate, butanone, iron oxide, ligroine, ethylbenzene	
Era Veneziana	Novacolor	1	unknown	plastic tub	Used	calcium hydroxide	
Isopropyl Alcohol	Techspray	1	1 Gallon	plastic bottle	Used	Isopropyl Alcohol	
Dynaflex Ultra	DAP	4	10.1 fl oz / 300 mL	plastic caulk tube	Used	limestone white mineral oil silica amorphous	
Heavy Duty Oil Stabilizer	Lucas Oil Products	1	1 pt / 16 fl oz / 473 mL	metal canister	Used	Distillates (petroleum) hydrotreated light, hydrocarbyl amine	
Thread Cutting Oil	DoitBest	1	16 fl oz / 473 mL	plastic jug	Used	Petroleum Hydrocarbon Mixture	
Synthetic Gear oil	SuperLube	3	32 oz	plastic jog	used	dibutyl phosphonate, amines, C11-14-brnached alkyl mononhexyl and dihexyl phosphates	
Prep-All	Klean-Strip	1	1 gallon / 3.785 L	metal container	used	Petroleum Distillates	
Hornet Wasp Jet Bomb II	Shoo-fly	1	12 oz / 340 g	aerosol spray can	used	petroleum distillate	
Acetone	Sunnyside	1	1 gallon / 3.785 L	metal container	used	acetone	
Pure Gum Spirits of Turpentine	Sunnyside	1	16 fl oz / 473 mL	metal container	used	terpenes, alpha pinene	
Flat Protective Enamel	Rustoleum	1	12 oz / 340 g	aerosol spray can	used	acetone, liquified petroleum gas, petroleum distillates, aromatic hydrocarbons	
Motomix	STIHL	1	1 gallon	metal fuel can	used	Naphtha (petroleum), full-range alkylated, butane-contg, Methylbutane (Isopentane) , Hydrocarbons, C4, 1,3-Butadiene-free, polymd., triisobuylene fraction, hydrogenated, 2-Cycle Engine Oil Additives Mixture	
Plastic Cleaner and Polish	CRL	1	8 fl oz / 236 mL	plastic bottle	used	Ethanol 64-17-5 , Propane 74-98-6 Butane 106-97-8 Ethanol, 2-butoxy 111-76-2 Ethanol, 2-(2-butoxyethoxy)112-34-5 Sodium nitrite, Nitrous acid, sodium salt (1:1) 7632-00-0 Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl- 556-67-2	
Antifreeze and Coolant	Peak	1	1 Gallon / 3.78 L	plastic jug	used	Ethylene Glycol	
Fuel	Kleanstrip	1	1 gallon / 3.785 L	metal can	unopened	Ethyl alcohol {Ethanol}, Methanol {Methyl alcohol; Carbinol; Wood alcohol}, Methyl isobutyl ketone {Hexone; Isopropylacetone; MIBK; 4-Methyl-2-pentanone}	
Acetone	Kleanstrip	2	1 gallon / 3.785 L	metal can	used	acetone	
Klean Heat Odorless HeaterFuel	W.M. Barr	1	1 Gallon	plastic jug	used	Hydrotreated light distillate (petroleum)	

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Product Name	Brand	Quantity	Size	Container	Condition	Ingredients	Notes
Color Sample	Benjamin Moore	3	15.7 fl oz / 465 mL	metal paint bucket	used	titanium dioxide, kaolin, nepheline syenite, propylene glycol, silica amorphous	
Fine Mamorino, untinted	Firenzecolor	1	8 kg	plastic tub	used	No information available online.	
Windshield Washer Fluid	Krystal Kleer	3	1 gallon	plastic jug	used and unopened	Methyl alcohol	
A and B	Unknown	1	Unknown	Plastic bottle	Used	Unknown	
Misc Liquid in Cup (IMG-4405)	Unknown	1	Unknown	Open Cup	Used	Unknown	PID Reading 60+ppm
Kerosene	Sunnyside	1	32 fl oz / 946 mL	metal can	Used	Petroleum Distillates	
High Heat Ultra	Rustoleum	1	12 oz / 340 g	aerosol spray can	Used	toluene and xylene	
Spray paint	Precision Color	1	12 oz / 340 g	aerosol spray can	Used	acetone, tpropane, toluene, n-butane, methyl ethyl ketone, 1-Methoxy-2-Propyl Acetate, Xylene	
Q Glue	Q	1	1.69 oz	plastic squeeze tube	used	2-hydroxyethyl methacrylate, 2-methylpropenoic acid, methacrylic acid, cumene hydroperoxide, alpha, alpha-dimethylbenzyl hydroperoxide, n,n-dimethyl-p-toluidine, cumene	
2 Cycle Engine Oil	DoitBest	2	8 fl. Oz. / 236.5 mL	plastic bottle	Used	Residual oils (petroleum, solvent refined, solvent dewaxed heavy paraffinic distillates (petroleum), distillates (petroleum) hydrotreated light	
Engine Oil	Shell	1	1 Gallon	plastic jug	Used	Alkaryl amine, Calcium sulphonate, Alkyl borate, Dialkyl alkaryl aminomethyl dicarboxylate, Alcohol, ethoxylated, Interchangeable low viscosity base oil	
4 Cycle Engineered Fuel	TruFuel	1	110 fl oz	metal fuel can	Used	Naphtha (petroleum), full-range alkylate, butane-contg., toluene, isopentane, pentane, ethylbenzene, 1,2,4-trimethylbenzene	
Activator 10-100-25	GPT	1	1 quart	metal can	Used	No information available online.	
Silicone Lubricating Grease	SuperLube	1	14 oz	metal can	Used	"Dangerous components: None in reportable quantities"	
Mold and Mildew Stain Remover	ZEP	1	32 fl. oz. / 946 g	plastic spray bottle	Used	sodium hypochlorite	
Ultra Bleach	PureBright	1	1 gallon	plastic jug	Used	Sodium hypochlorite	
Household Bleach Cleaner	Splash	1	1 gallon	plastic jug	Used	Sodium hypochlorite	
Descaler	Rydlyme	1	1 gallon	plastic jug	Used	Hydrochloric acid	
Lightweight Body Filler	Cargroom	1	0.8 gallon	metal can	Used	Styrene, titanium dioxide, n,n-dimethylaniline	
Factory Colored (WB) 70-103	GPT	1	1 qt / 946 ml	metal paint can	Used	Contacted Manufacturer's Representative. Information Pending.	
Diamond Luster	Diamond Seal Systems	1	8 fl. Oz.	plastic bottle	Used	Not listed: https://diamondsealsystems.com/science-testing	
Verifix	Bohle	1	1.69 oz	plastic bottle	Used	2-hydroxyethyl methacrylate, Exo-1,7,7-trimethylbicyclo[2.2.1]hept-2-yl acrylate, acrylic acid, prop-2-enoic acid, tert-butyl perbenzoate, 2,2-dimethoxy-1,2-diphenylethan-1-one, maleic acid, 3-methoxysilylpropyl methacrylate	
Glass Cleaner	Bohle	1	unknown	plastic spray bottle	Used	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether, Petroleum gases, liquefied; Petroleum gas, propan-2-ol; isopropyl alcohol; isopropanol, sodium nitrite, Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics	
Synthetic Oil	Mobil	2	1 gallon	plastic bottle	Used	"This material is not considered to be hazardous according to regulatory guidelines (see (M)SDS Section 15)"	
Unlabeled Squeeze Bottle (IMG_4271)	Unknown	1	500 mL	Plastic Squeeze Bottle	Used	Unknown	PID Reading 1800+ppm
ProClean (IMG_4273)	Glasweld	1	Unknown	plastic bottle	Used	"No hazardous ingredients"	PID Reading 340+ppm

Product Inventory
61 Water Street, Ossining, New York
Metal Cabinet along Northern Building Wall
December 16, 2024

Key	
	Ingredients listed on Safety Data Sheet or Can. PCE/TCE listed. Safety Data Sheets obtained from readily available online sources.
	Information Unavailable.

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Product Inventory
61 Water Street, Ossining, New York
Shelving Adjoining Office
December 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes
Silicone Sealant 33s	CRL	34	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Aluminum	
Silicone Sealant 95c	CRL	13	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Crystalline Silica, Quartz*, Methanol	
Silicone Sealant RTV408	CRL	1	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, Crystalline Silica, Quartz, Methanol	
Silicone Sealant 9592	CRL	14	10.3 fl oz / 305 mL	Caulk Tube	unopened and used	No data available online	
Silicone Sealant 877	CRL	1	10.3 fl oz / 305 mL	Caulk Tube	unopened	Limestone, MS Polymers (CAS Number Proprietary), Silane ethenyltrimethoxy-, Calcium Carbonate, Carbon Black (if needed), Tin catalyst, Titanium Dioxide (if needed)	
Regal Select	Benjamin Moore	2	1 gallon	metal can	used	titanium dioxide, kaolin, sodium C14-C16 olefin sulfonate	PID Reading 3.2ppm
Factory Colored BM Super White	GPT	1	1 gallon	metal can	used, damaged	https://gptglasspaint.com/	PID Reading 3.2ppm
Clear Solution	Cabot	1	1 gallon	metal can	used	2 propoxyethanol, 3 Iodo 2 propynyl butyl carbamate, MEK, hydrotreated geavy petroleum naphtha, cobalt neodecanoate	PID Reading 3.2ppm
04600 Fresh Start	Benjamin Moore	1	1 gallon	metal can	used	titanium dioxide, kaolin, sodium C14-C16 olefin sulfonate	PID Reading 3.2ppm
Strait-Line Marking Chalk	IRWIN	3	8 oz / 227 g	plastic bottle	used	calcium carbonate, silica crystalline/qtz	
Glazing Compound	Wonder Putty	1	128 gl oz	plastic tub	used	Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)	
Glass Cleaner	Sprayway	30-50*	19 oz / 539 g	metal spray can	unopened and used	alcohol, butoxyethanol, propane, t butyl alcohol, butane	
Solder Mate 11 Flux	Canfield Technologies	1	8 oz			https://www.canfieldmetals.com/data-sheets.htm	
Old Masters Stained Glass Flux	Novacan	1	8 oz	plastic bottle	used	Zinc Chloride Anhydrous	
Black Patina for Solder	Novacan	2	8 oz	plastic bottle	used	Nitric Acid, Copper Sulphate Pentahydrate, Sodium Chloride, Selenium Dioxide, water	
Classic Neutracleam Defluxer	Stellar Technical Products	1	8 oz	plastic bottle	used	sodium bicarbonate, surfactant, water	
Propane	Benz-o-matic	1	14.1 oz	metal canister	used	propane	
Polishing Oil CRL920	CRL	6	11 oz / 312 g	aerosol spray can	used	White Mineral Oil 8042-47-5, Naptha (petroleum) hydrotreated light 64742-49-0, propane 74-98-6, n-Heptane 142-82-5, pine oil 8002-09-3	
895 NST High Performance Silicone Sealant	Pecora Corporation	4	10 fl oz / 300 mL	caulk bottle	used	Proprietary Polydimethyl Siloxane, Calcium Carbonate, Organic Methyl Silane, Proprietary Mineral Spirits (contains less than 0.1% benzene), Proprietary Cyclosiloxane, Proprietary Phenylated Ketoxomio Silane, Quartz, Carbon Black	
Fast Dry Latex Caulk Plus Silicone	DAP	1	10.1 fl oz / 300 mL	plastic caulk tube	used	limestone white mineral oil silica amorphous	
100% Silicone	GE	1	10.3 fl oz / 305 mL	caulk bottle	used	silicon dioxide	
Dowsil Clear Silicone Sealant	DOW	1	305 mL / 10.3 fl oz	Caulk Tube	used	silicone dioxide	

Product Inventory
61 Water Street, Ossining, New York
Shelving Adjoining Office
December 16, 2024

Ultrabond Mirror Mastic	Gunther	1	300 mL	Caulk Tube	unopened and used	Naptha (petroleum), acetone, xylene, ethylbenzene	
Acrylic Latex Caulk plus Silicone	DAP	4	11.2 fl oz / 330 mL	Caulk Tube	used	Limestone, Branched and linear phthalates, Titanium dioxide, Silica, crystalline, Ethylene glycol, Ammonia, Formaldehyde	
Sieve Adsorbent Cat No MSD5 SLN204173	CRL	1	5 lbs	metal can	unopened	zeolite, silicone oxide	
Waylube	Interstate Petroleum Products Inc.	1	unknown	plastic jug	used, deteriorated	no information available online	
Super Spec	Benjamin Moore	3	1 gallon	metal paint can	unopened	Hydrotreated heavy naphtha, petroleum, Distillates, petroleum, hydrotreated light, Aluminum, Xylene, Silica amorphous, Ethyl benzene, Hexanoic acid, 2-ethyl-, zirconium salt, Methyl ethyl ketoxime, Calcium 2-Ethylhexanoate	
Single Component Grout	Fusion Pro	1	1 gallon	plastic tub	used	Silica, crystalline, quartz, p-[(Diiodomethyl)sulphonyl]toluene, Ethanol, Ethylene glycol monobutyl ether, Ethylene glycol, Bentonite	

Ingredients listed on Safety Data Sheet or Can. PCE/TCE listed. Safety Data Sheets obtained from readily available online sources.

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Product Inventory
61 Water Street, Ossining, New York
Southern Shelving
December 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes
All Purpose 100% Silicone	GE	1	10.1 fl oz / 299 mL	Caulk Tube	used	silicone dioxide	
Gunther Ultrabond Mirror Mastic GN100A	CRL	3	300 mL	Caulk Tube	unopened and used	Naptha (petroleum), acetone, xylene, ethylbenzene	
DOWSIL	DOW	3	305 mL / 10.3 fl oz	Caulk Tube	unopened	silicone dioxide	
"A"	Unknown	1	Unknown	Plastic Bottle	used	Unknown	PID Reading 183 ppm+
"B" / Liquid Diamond Hydrophobic Protective Wipe on Treatment	Diamond Seal Systems	2	~20 oz	Plastic Bottle	used	"Solvents/Alcohol exempt", additives	
Ultra Performance	Diamond Seal Systems	1	~12 oz	Glass Bottle	Used	no information online https://shop.diamondsealsystems.com/collections/the-science-of-clean?page=3	
Diamond Blue Wash	Mirage and Mirror Glass	7	unknown	spray bottle	unopened and used	"Hazardous ingredients: None known" - Per SDS.	
Alcohol	NA	1	Unknown	Squeeze Bottle	Uncapped	Alcohol	Hand Labeled
Premium Wood Glue	Titebond	1	8 oz / 237 mL	plastic squeeze bottle	used	"There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified and hence require reporting in this section." - Per SDS.	
Greaseless Lubricant	LPS	1	11 oz	spray can	used	Odorless kerosene, aliphatic hydrocarbon, carbon dioxide	
Unlabeled Spray Bottle	Unknown	1	unknown	spray bottle	used	unknown	PID Reading 123 ppm
Unlabeled Bottle	Unknown	1	unknown	plastic bottle	used	unknown	
Fast Plug Hydraulic Cement	UGI Drylok	4	4 lbs	plastic tubs	unopened and used	Quartz (SiO2), Lumnite SG Cement, Titanium dioxide, Calcium dihydroxide, Cristobalite	
Enzyme Fuel Treatment	Star Tron	1	8 fl oz / 237 mL	plastic Bottle	used	petroleum distillates, kerosine petroleum	
360 marine	Sta-bil	1	8 fl oz / 236 mL	plastic bottle	used	isoparaffins petroleum hydrotreated HEP + additives	
Anti-Seize Lubricant 80078	Permatex	1	8 oz	metal bottle	used	acetone, naptha (petroleum hydrotreated light), graphite, calcium oxide, aluminum powder, heptane, carbon dioxide	
Sta-bil Fuel Stabilizer	Sta-bil	1	10 oz	plastic bottle	used	Distillates (petroleum), hydrotreated light, Proprietary additive*, Ethylene glycol monobutyl ether, Proprietary additive*, Solvent naphtha (petroleum), light aromatic,	
Multisurface Stain blocking primer	BEHR	1	1qt	metal can	used	ethylene glycol	
Ben Base 4	Benjamin moore	1	1 qt	metal can	used	Nepheline syenite	
Regal Select Interior Base 1	Benjamin moore	1	15.7 fl oz / 465 mL	metal can	opened	nepheline syenite, limestone, diatomaceous earth, propanoic aid, 2 methyl monoester with 2,2,4 trimethyl 1,3-pentenediol, sodium C14-C16 olefin sulfonate	
Moorglo Soft Gloss	Benjamin moore	1	1 qt / 946 mL	metal can	opened	zinc oxide, sodium C14-C16 olefin sulfonate	
REGAL SELECT EXTERIOR MOORLIFE FLAT FINISH ULTRA BASE Product Code W1054X	Benjamin moore	1	1 qt	metal can	opened	Silica, crystalline, Diatomaceous earth, Zinc oxide, Sodium C14-C16 olefin sulfonate	
Glass Finishing Spray	GlassRenu	1	16 fl oz / 473 mL	spray bottle	Used	"hazardous ingredients: none known" - Per SDS.	

Product Inventory
61 Water Street, Ossining, New York
Southern Shelving
December 16, 2024

Glass Cleaner	Bohle	1	unknown	plastic spray bottle	Used	2-butoxyethanol, butyl cellosolve, ethylene glycol monobutyl ether, Petroleum gases, liquefied; Petroleum gas, propan-2-ol; isopropyl alcohol; isopropanol, sodium nitrite, Hydrocarbons, C11-C13, isoalkanes, < 2% aromatics	
Glazing Compound	Wonder Putty	1	128 gl oz	plastic tub	opened	Crystalline silica, calcium carbonate, talc, titanium dioxide, proprietary hazardous ingredients (trade secrets)	
GL22 CRL Technical Glycerine C0307	CRL	1	1 pt	plastic bottle	opened	Glycerine	
Premium Perfromance ATF +4	NAPA	1	1 qt / .946 L	plastic bottle	opened	hydrotreated light paraffinic distillate, heavy paraffinic distillate, mineral oil, benzene, dodecyl hydroxypropyl	
Glass Cleaner	Sprayway	50+	19 oz / 539 g	metal spray can	unopened and used	alcohol, butoxyethanol, propane, t butyl alcohol, butane	
100% Silicone	DOW	50+	10.3 fl oz / 305 mL	caulk bottle	unopened and used	silicon dioxide	
Mirror Mastic	Palmer	12	11 oz	caulk tube	unopened	Petroleum distillates, hydrotreated light, limestone, Cellulose microcrystalline, Quartz	
4 Fast Set Clear, water thin solvent cement	SCIgrip	1	16 fl oz / 473 mL	metal pint	used	acrylic (cast and extruded)	
Molykote	Dupont	1	1 pint	metal paint can	opened	calcium hydroxide, graphite, molybdenum disulfide, parrafin / hydrocarbon, waxes	

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Product Inventory
61 Water Street, Ossining, New York
Western Shelving
December 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes
Sikaflex	Sika	40+	10.1 fl oz / 300 mL	Caulk Tube	used	4,4'-methylenediphenyl diisocyanate, ethylbenzene, Quartz (SiO2) <5µm	
Silicone Building Sealant 95c	CRL	15+	10.3 Fl Oz / 305 mL	plastic caulking tube	used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, crystalline silica (Quartz), Methanol	

Ingredients listed on Safety Data Sheet or Can. PCE/TCE listed. Safety Data Sheets obtained from readily available online sources.

Information Unavailable.

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

Product Inventory
61 Water Street, Ossining, New York
Bathroom
December 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes
Cleaner with Bleach	Clorox	1	32 oz	plastic spray bottle	used, fairly new	Sodium hypochlorite, sodium hydroxide	
Rebel Annihilator Surface Disinfectant	Renegade	1	128 oz	plastic jug	used	Isopropyl Alcohol, water	
Golden Pine Oil Concentrate	King Pine	1	24 oz	plastic bottle	old, used	Pine Oil, Distilled Tall Oil, Isopropyl Alcohol, Potassium Hydroxide 45%	
Pine Scented Cleaner	Homeline	1	24 fl oz	plastic bottle	deteriorated	Active Ingredients: Octyl Decyl Dimethyl Ammonium Chloride Dioctyl Dimethyl Ammonium Chloride Didecyl Dimethyl Ammonium Chloride Alkyl (c14, 50%; C12, 40%; C16, 10%) Dimethyl Benzyl Ammonium Chloride Other Ingredients	
Clinging Bleach Gel Toilet Bowl Cleaner	Clorox	1	24 oz	plastic bottle	new	Sodium hypochlorite, Lauramine oxide	
Acidic Toilet Bowl Cleaner	Zep	1	32 fl. Oz	plastic bottle	used, like new	hydrochloric acid, Amines, tallow alkyl, ethoxylated, dodecyldimethylamine oxide	
Gentle and Clean Foaming Hand Soap Refill	Bath and Body Works	2	32 fl oz	cardboard carton	used	water, disodium laureth sulfosuccinate, cocamidopropyl hydroxysultaine, PED 40 hydrogenated castor oil, propanediol, sodium cocoyl glycinate, fragrance, PEG-7 glyceryl cocoate, sodium C14-16 olefin sulfonate, pheoxyethanol, hydroxyacetophenone, caprylyl glycol, aloe barbadensis leaf juice, disodium edta, butyrospermum parkii (shea) butter extract, tocopheryl acetate, BHT, sodium hydroxide, citric acid	
Alcohol Sanitizer Spray	Zep	1	1 qt	plastic spray bottle	used	ethanol, deionized water, glycerine	
Multipurpose Cleaner	Microban	1	32 fl oz	plastic spray bottle	used	C12-C16 Alkyl dimethyl benzyl ammonium chloride, octyl decyl dimethyl ammonium chloride, didecyl dimethyl ammonium chloride, dioctyl dimethyl ammonium chloride, water, dipropylene glycol butyl ether, polyethyloxazoline, C9-11 Alketh, Triethanolamine, fragrance	
Wood furniture 2 in 1 clean and polish	Orange Glo	1	16 fl oz	plastic spray bottle	used	Distillates (petroleum), mineral oil, orange oil	
Multisurface Floor Cleaner	Mop and Glo	1	32 fl oz	plastic bottle	used	Diethylene glycol monoethyl ether	
Hair Spray	Tresemme	1	11 oz	metal spray can	used	SD Alcohol 40-B (alcohol denat), hydrofluorocarbon 152a, VA, crotonates, Vinyl neodecanoate, copolymer, octylacrylamide, acrylates, butylaminoethyl, methacrylate copolymer, aminomethyl propanol, dimethyl stearamine, fragrance	
Turquoise Waters	Bath and Body Works	1	8.75 oz	plastic soap dispenser	used	aloe leaf juice, ammonium lauryl sulfate, benzophenone-4, benzyl alcohol, blue no. 1, butylphenyl methylpropional, citric acid, cocoamidopropyl betaine, disodium laureth sulfosuccinate, ext violet 2, fragrance, guar hydroxypropyltrimonium chloride, hydroxycitronellal, hydroxyethyl urea, limonene, linmalool, methylchloroisothiazolinone, methylisothiazolinone, oleth-10, peg-120 methyl glucoside dioleate, propanediol, propylene glycol, sodium hydroxide, tetrasodium glutamate diacetate, tocopheryl acetate, triethylene glycol, water yellow 5	
Keratin Hair Spray	L'anza	1	10.6 oz	metal spray can	used	ethanol, 2-amino-2-methyl-1-propanol, fragrance, 1,1-difluoroethane	
Olive Oil	Dream Dream	1	100mL	plastic tube	used	Water, glycerin, isopropyl, myristyate, mineral oil, olive oil	

Product Inventory
61 Water Street, Ossining, New York
Bathroom
December 16, 2024

Hair and Body Mist	MIX:BAR	1	5 fl oz	plastic spray bottle	used	alcohol denat., fragrance (parfum), water (aqua/eau), limonene, linalool, citronellol, citral, benzyl alcohol, geraniol	
Daily Moisturizer	Jergens Natural Glow	1	2 fl oz	tube	used	Glycerin, Dihydroxyacetone, Ethanol, Ceteareth-25	
Unscented Hand Sanitizer	Nature's Oil	1	1 gallon	plastic gallon	used	ethanol 62%, aloe barbadensis leaf, carbomer, dimethicone, triisopropanolamine, water	
Air Mist	Fabreeze	1	800 mL	plastic spray bottle	used	ethanol, alcohol	
Disinfectant Spray	Lysol	1	12 oz	spray can	used	ethanol , butane, propane	
Air Sanitizer	Lysol	1	10 oz	spray can	used	ethanol , butane, propane, 2,2'-(ethylenedioxy)diethanol	

Ingredients listed on Safety Data Sheet or Can. PCE/TCE listed. Safety Data Sheets obtained from readily available online sources.

Information Unavailable.

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Product Inventory
61 Water Street, Ossining, New York
Loft Area
December 16, 2024

Product Name	Brand / Company	Quantity	Size	Container	Condition	Ingredients	Notes
Strait Line Marking Chalk	IRWIN	1	8 oz / 227 g	plastic bottle	used	calcium carbonate, silica crystalline/qtz	
Silicone Building Sealant 95c	CRL	1	10.3 Fl Oz / 305 mL	plastic caulking tube	used	Methyltri(ethylmethylketoxime) silane, Aminoalkoxysilane, Octamethylcyclotetrasiloxane, crystalline silica (Quartz), Methanol	

Ingredients listed on Safety Data Sheet or Can. PCE/TCE listed. Safety Data Sheets obtained from readily available online sources.

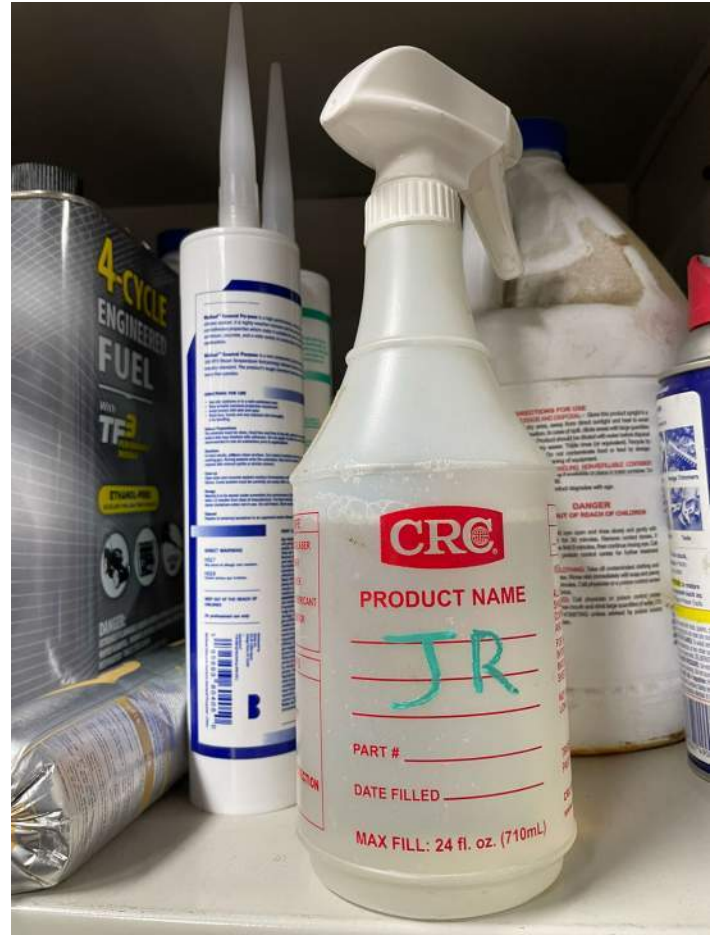
Information Unavailable.

*C.T. Male Associates relied on information derived from secondary sources including safety data sheets and manufacturer provided information. C.T. Male Associates has made no independent investigation as to the accuracy and completeness of the information derived from secondary sources and has assumed that such information is accurate and complete.

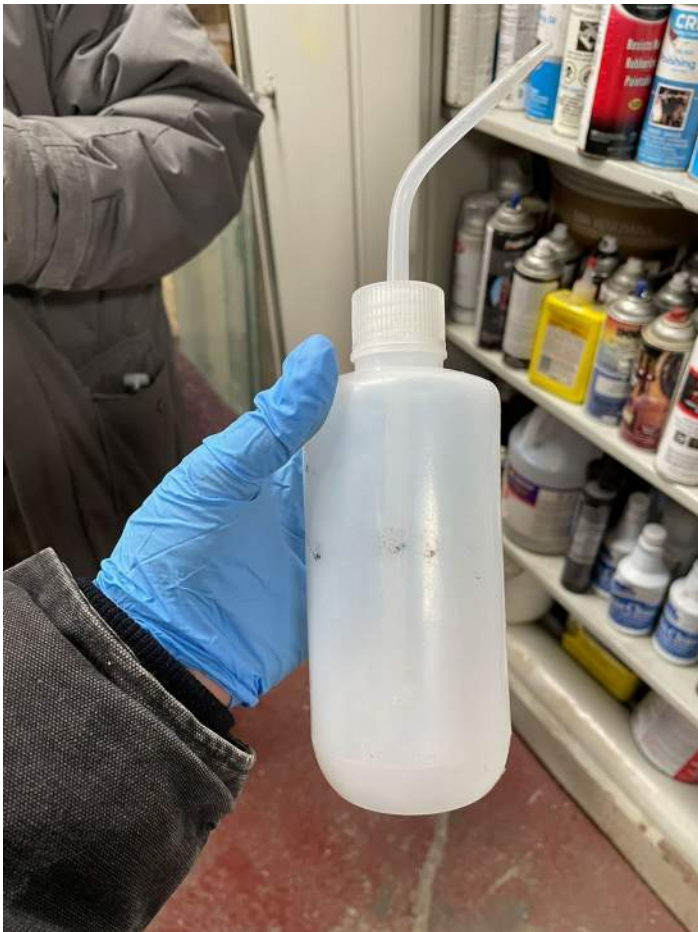
Selection of Products with Elevated PID Readings December 2024



01 - Metal Cabinet (4.3 ppm)



02 - Spray Bottle Labeled JR (4.0 ppm)



03 - Unlabeled Squeeze Bottle (1800+ ppm)



04 - Soap (340+ ppm)

Selection of Products with Elevated PID Readings December 2024



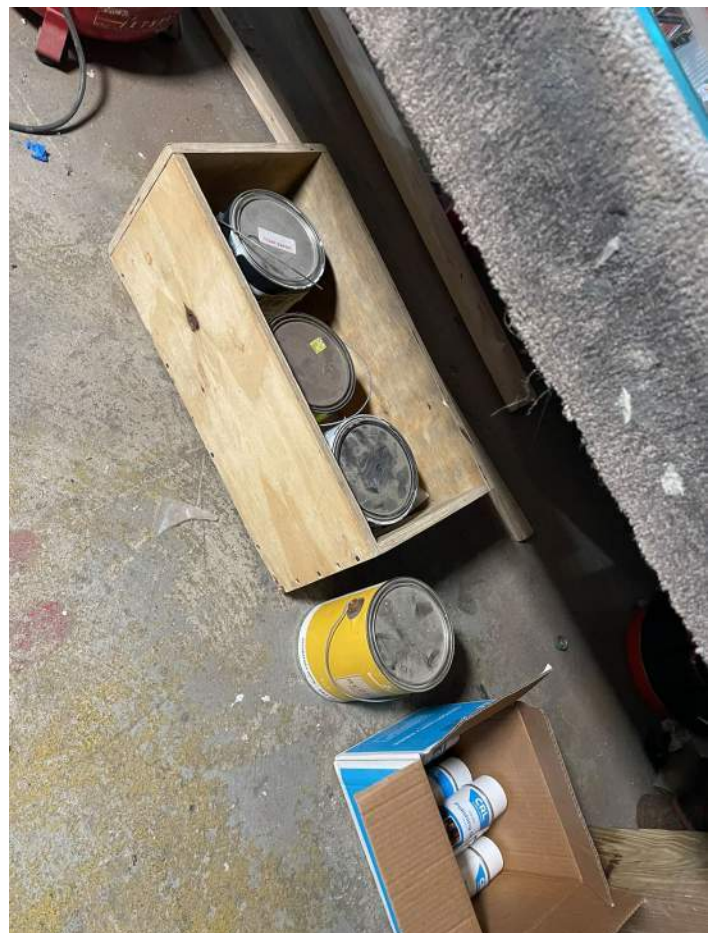
05 - Bottle Labeled A (183+ ppm)



06 - Unlabeled Spray Bottle (123+ ppm)



07 - Unlabeled Spray Bottle Back (123+ ppm)

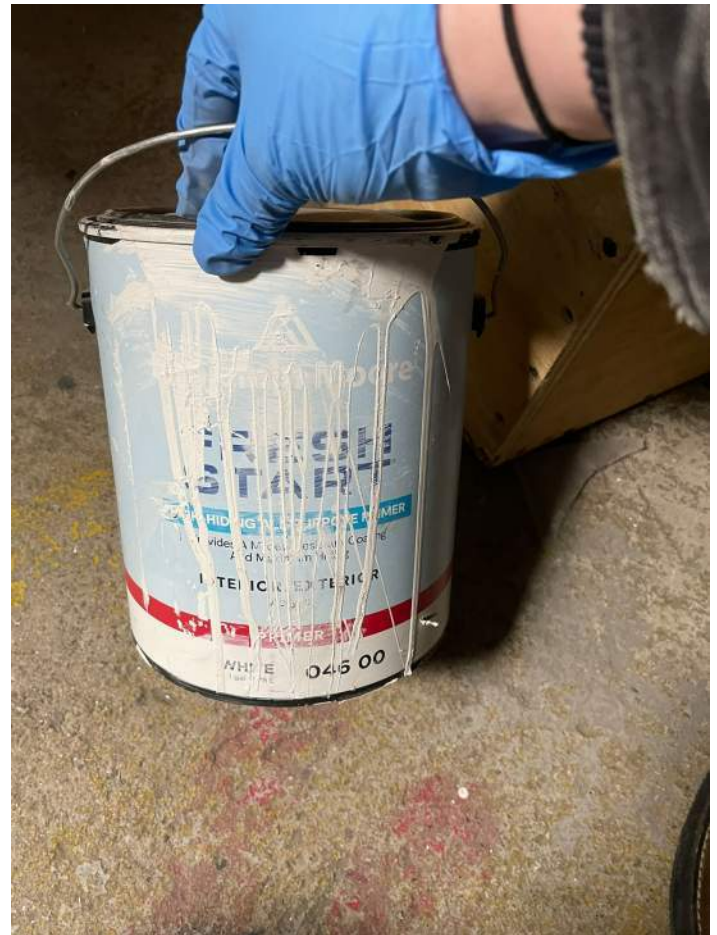


08 - Paint Cans Beneath Work Table (3.2 ppm)

Selection of Products with Elevated PID Readings December 2024



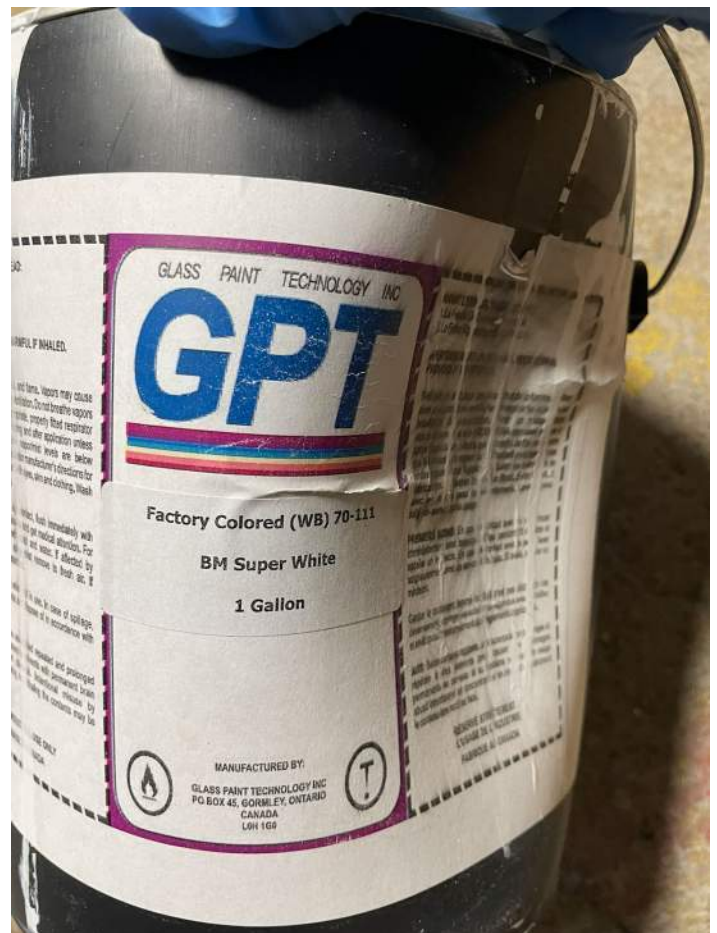
09 - Paint Can 1 (3.2 ppm)



10 - Paint Can 2 (3.2 ppm)



11 - Paint Can 3 (3.2 ppm)



12 - Paint Can 4 (3.2 ppm)

C.T. MALE ASSOCIATES

ATTACHMENT H

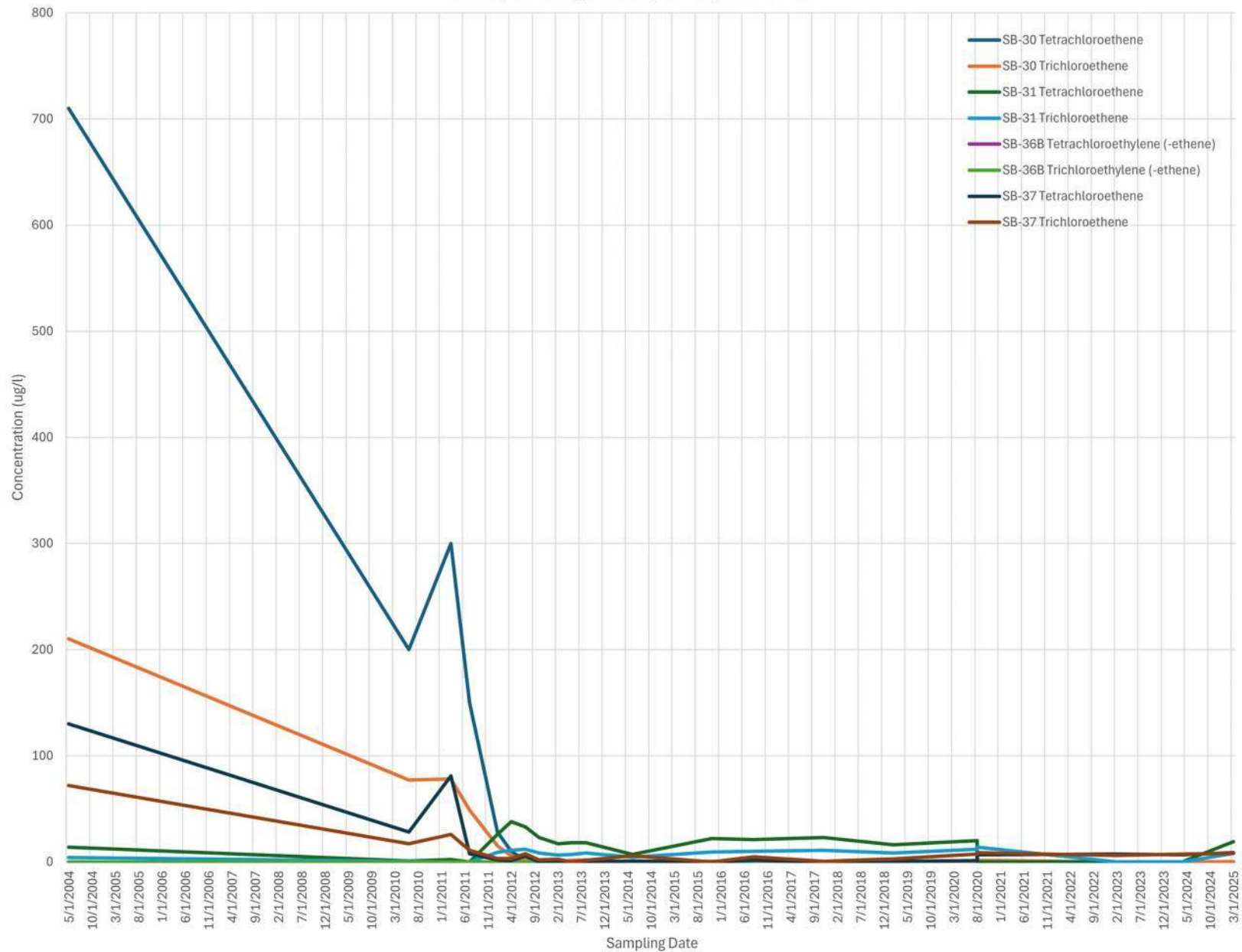
DATA TABLES AND PLOTS

Wire Mill Air Sampling Data 2004-2025

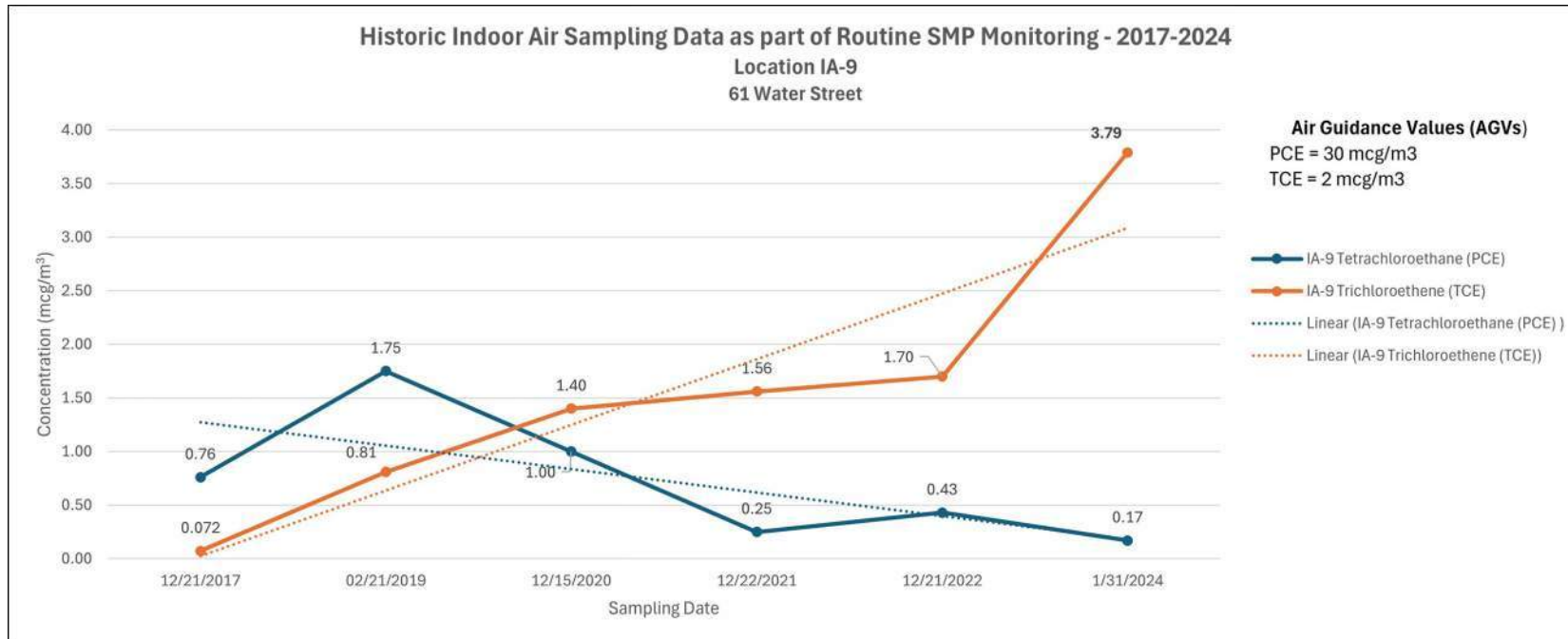
Groundwater

61 Water Street

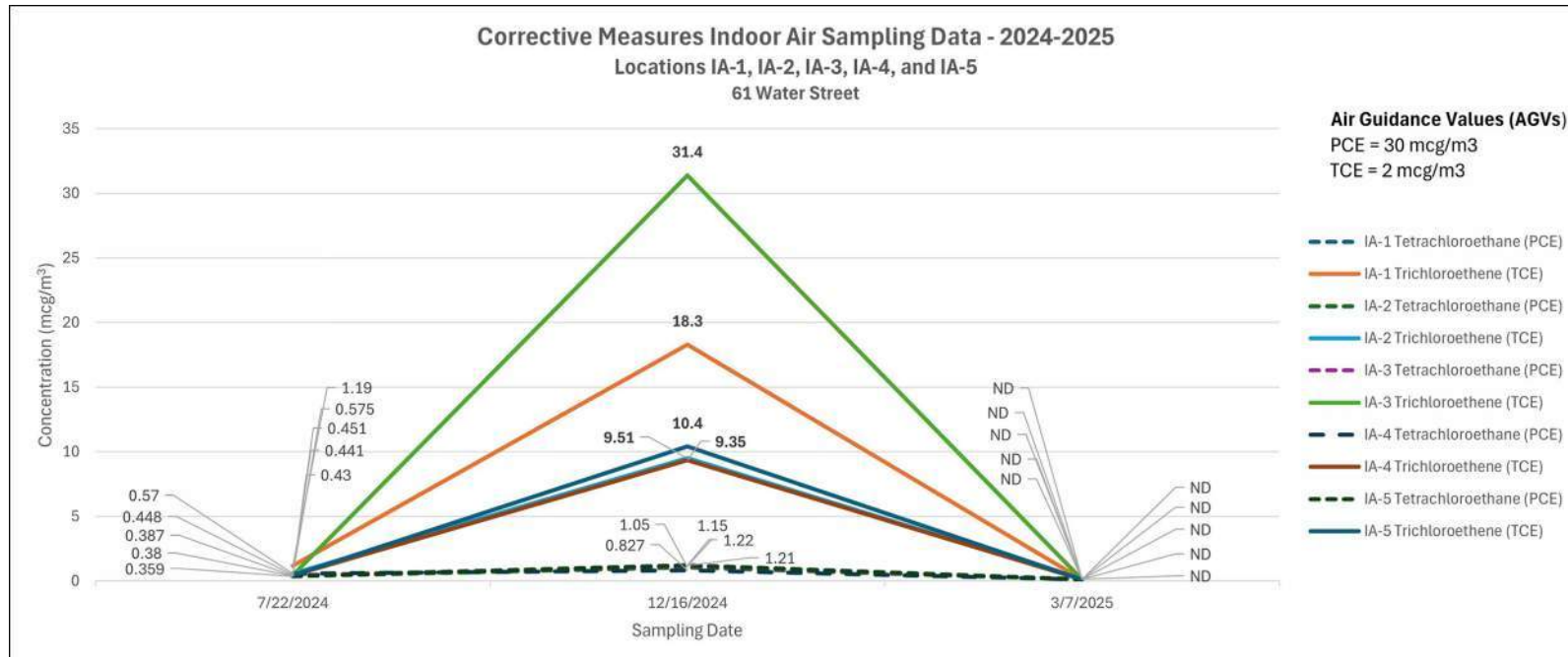
SB-30, SB-31B, SB-36B, SB-37, and SB-39



Indoor Air Data Trends

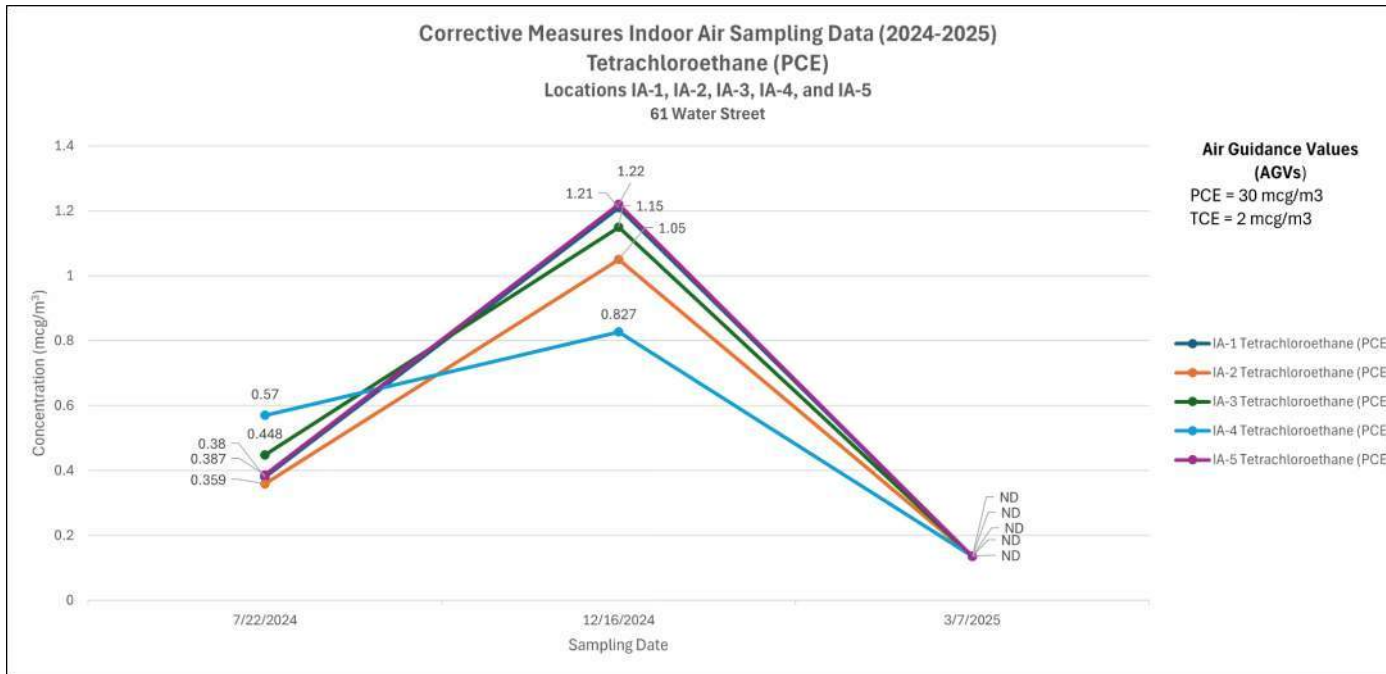


01 - 61 Water Street Historic Indoor Air Sampling Data 2017 - 2024

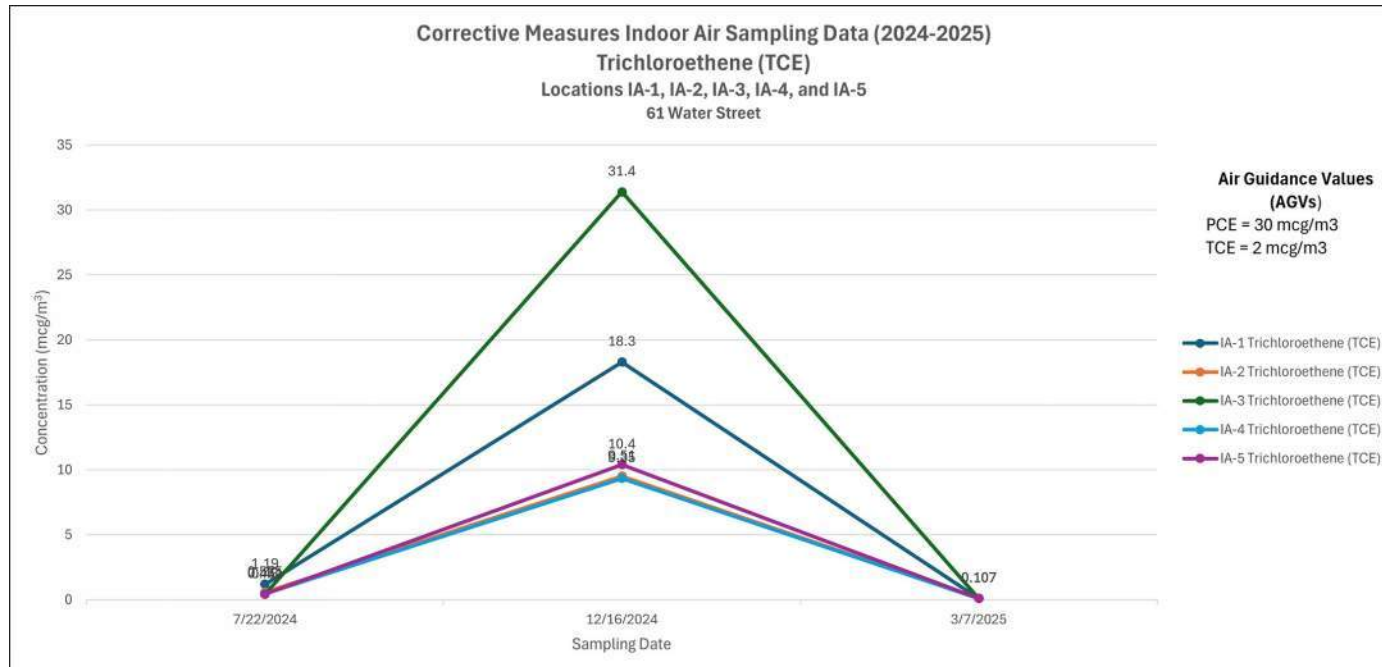


02 - Corrective Measures Indoor Air Sampling Data 2024 - 2025

Indoor Air Data Trends



03 - Corrective Measures Indoor Air Sampling Data 2024 - 2025 PCE



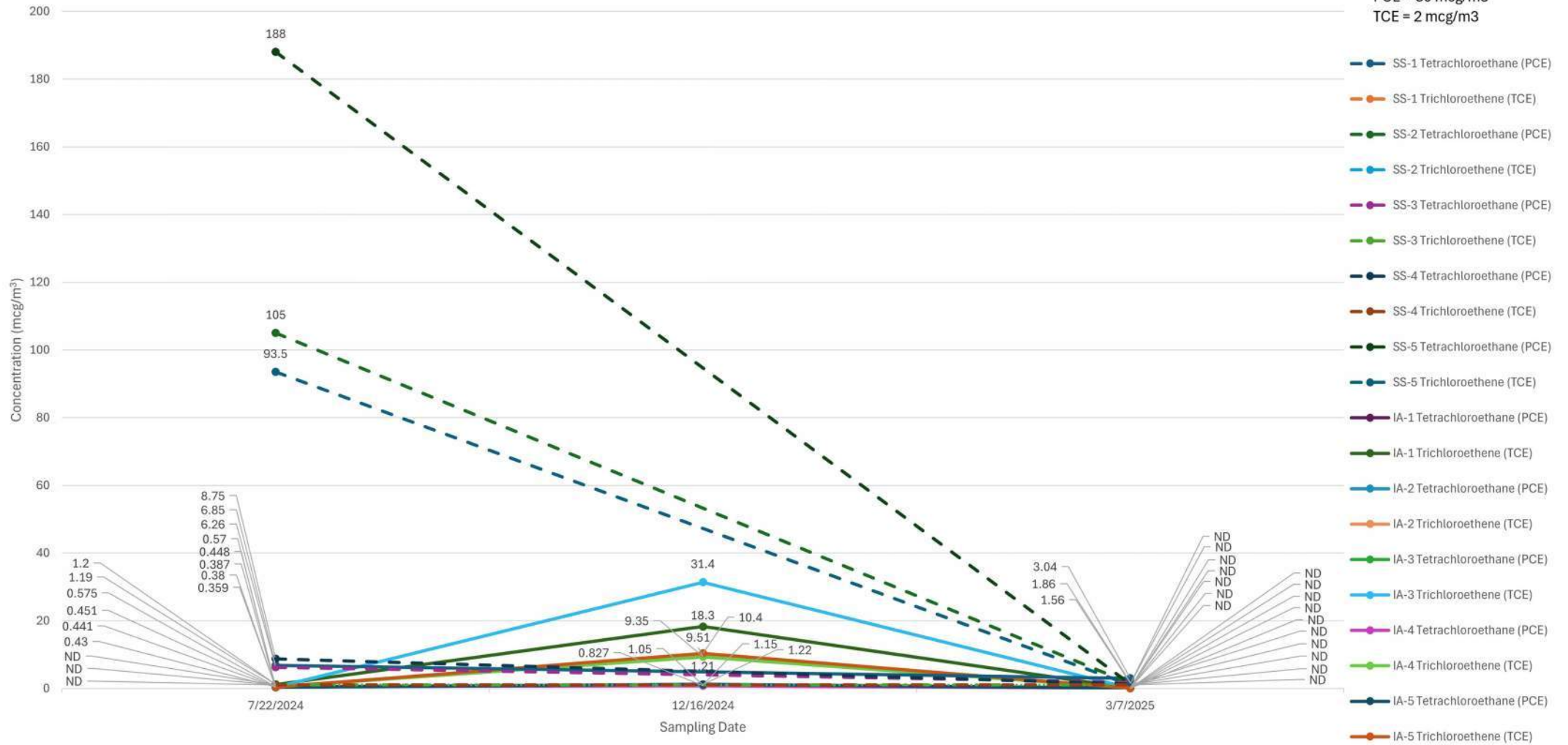
04 - Corrective Measures Indoor Air Sampling Data 2024 - 2025 TCE

Corrective Measures Sub Slab and Colocated Indoor Air Quality Samples (2024-2025)

Locations SS-1 - SS-5, and IA-1 - IA-5
61 Water Street

Air Guidance Values (AGVs)

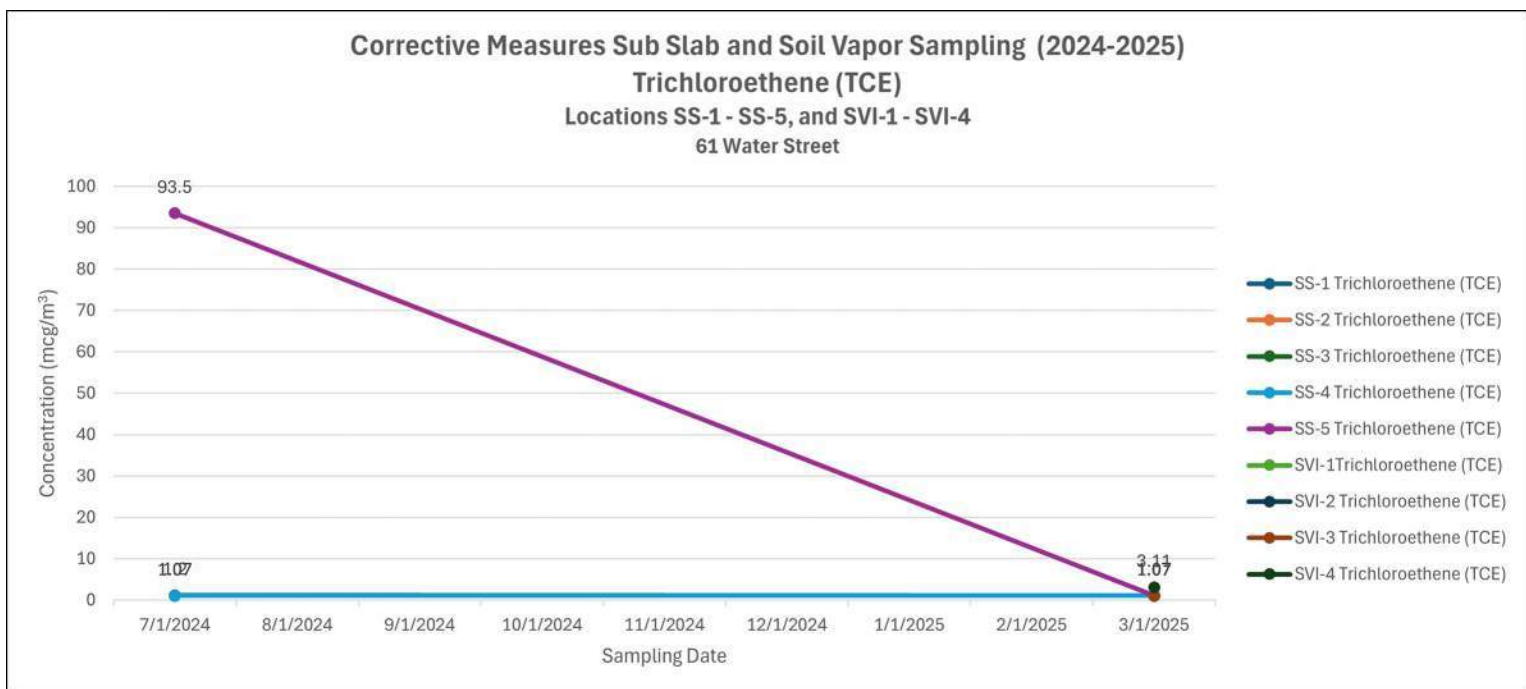
PCE = 30 mcg/m³
TCE = 2 mcg/m³



Sub-Slab and Soil Vapor Data Trends



Corrective Measures Sub Slab and Soil Vapor Sampling PCE (2024-2025)

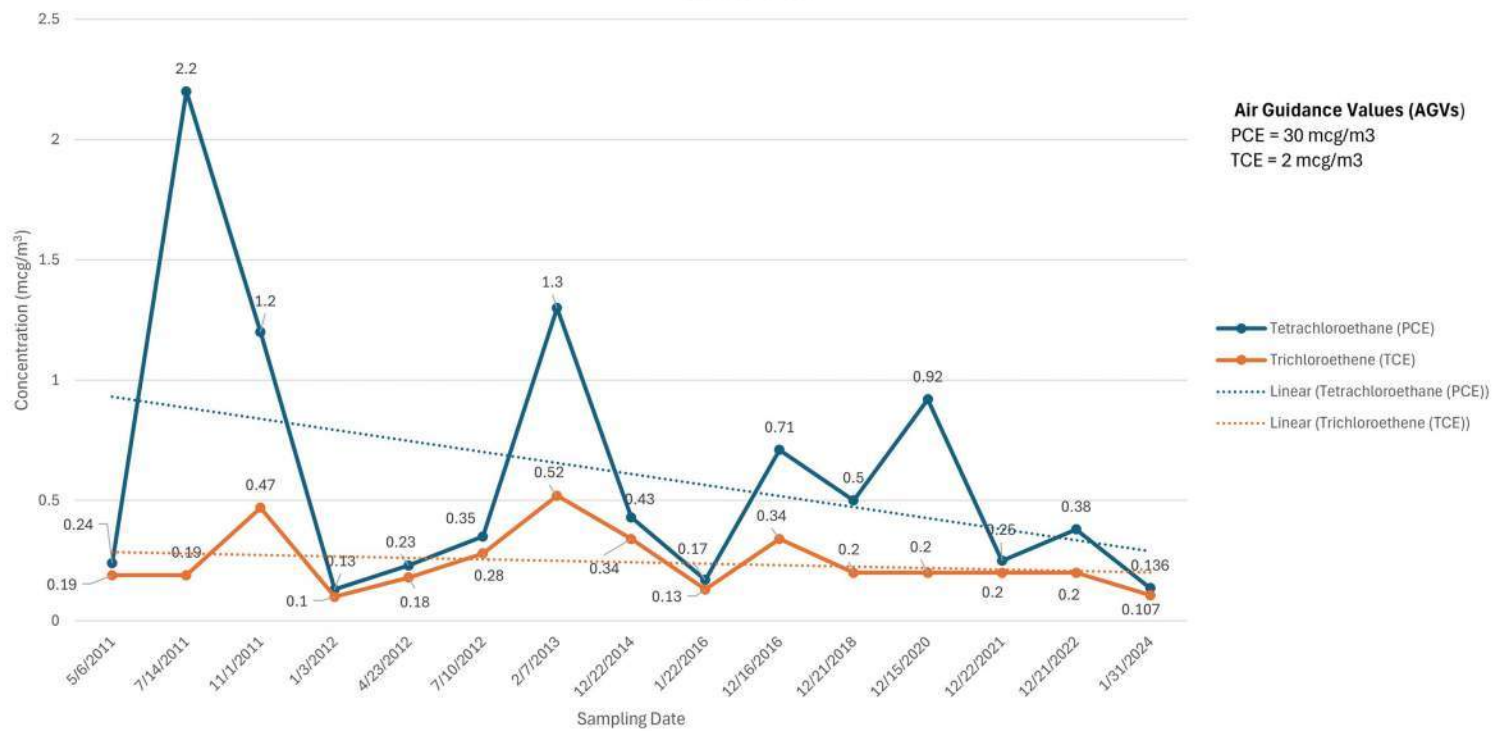


Corrective Measures Sub Slab and Soil Vapor Sampling TCE (2024-2025)

Outdoor Air Data Trends

Historic Outdoor Air Sampling Data as part of Routine SMP Monitoring (2011-2024)

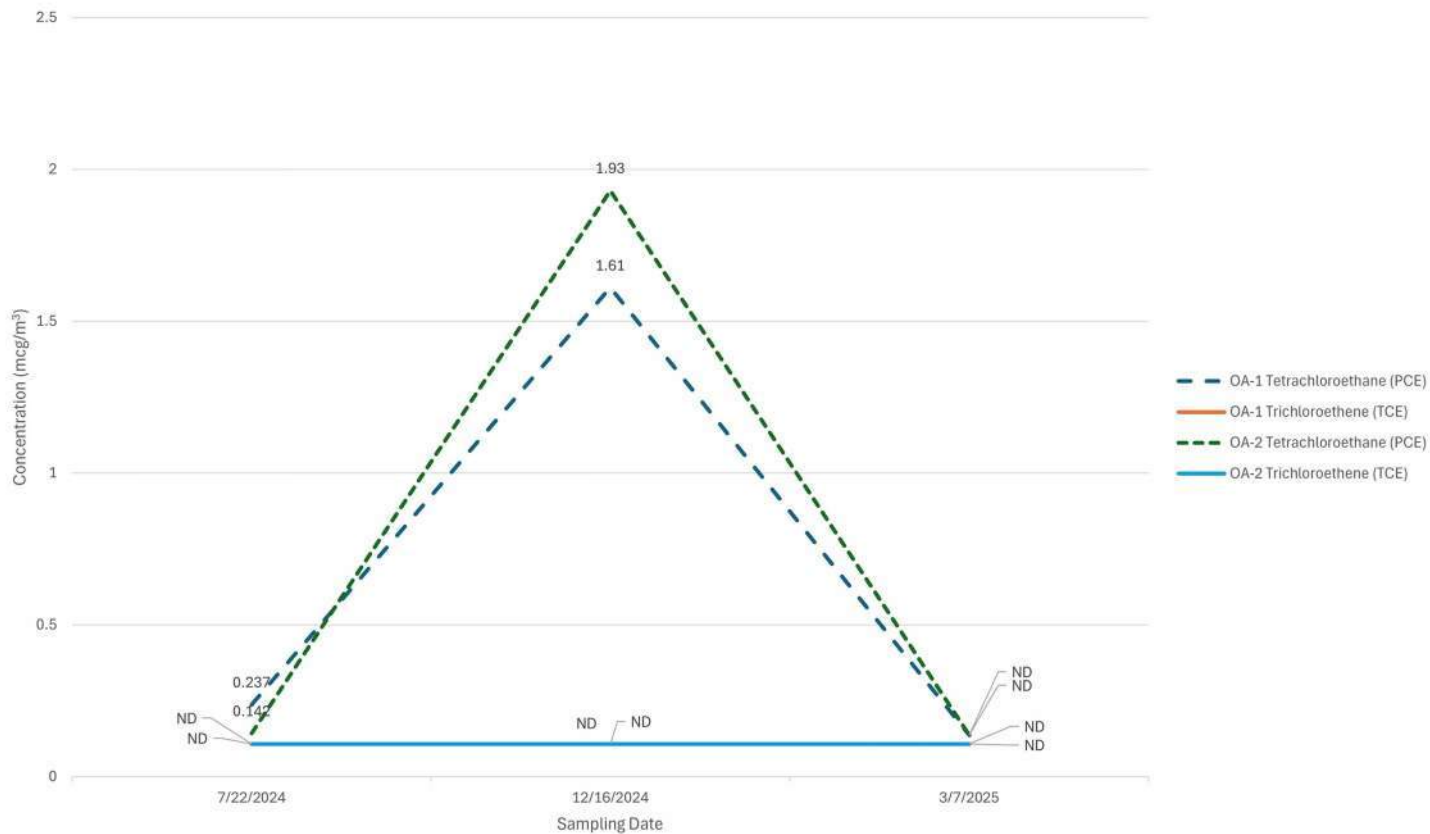
Location OA-1
62 Water Street



Historic Outdoor Air 62 Water Street

Corrective Measures Outdoor Air Sampling Data (2024-2025)

Locations OA-1 and OA-2
61 Water Street



Outdoor Air 61 Water Street

Air Sampling Results
61 Water Street, Ossining, New York
March 7, 2025

			SAMPLE ID:		SS-1_250307		IA-1_250307		SS-2_250307		IA-2_250307		SS-3_250307		IA-3_250307		SS-4_250307													
			LAB ID:		L2513523-01		L2513523-02		L2513523-03		L2513523-04		L2513523-05		L2513523-06		L2513523-07													
			COLLECTION DATE:		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025													
			SAMPLE DEPTH:																											
			SAMPLE MATRIX:		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR													
ANALYTE	CAS	NY-IAC-A-F (ug/m3)	NY-SSC-A-F (ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL			
VOLATILE ORGANICS IN AIR																														
Dichlorodifluoromethane	75-71-8			2.64	0.989	-		2.45	0.989	-		2.3	0.989	-		2.53	0.989	-		2.38	0.989	-		2.73	0.989	-		2.55	0.989	-
Chloromethane	74-87-3			0.589	0.413	-		1.4	0.413	-		0.88	0.413	-		1.24	0.413	-		1.65	0.413	-		1.25	0.413	-		0.729	0.413	-
Freon-114	76-14-2			ND	1.4	-		ND	1.4	-		ND	1.4	-		ND	1.4	-		ND	1.4	-		ND	1.4	-		ND	1.4	-
Vinyl chloride	75-01-4	0.2	6	ND	0.511	-		-	-	-		ND	0.511	-		-	-	-		ND	0.511	-		-	-	-		ND	0.511	-
1,3-Butadiene	106-99-0			ND	0.442	-		ND	0.442	-		ND	0.442	-		ND	0.442	-		ND	0.442	-		ND	0.442	-		ND	0.442	-
Bromomethane	74-83-9			ND	0.777	-		ND	0.777	-		ND	0.777	-		ND	0.777	-		ND	0.777	-		ND	0.777	-		ND	0.777	-
Chloroethane	75-00-3			ND	0.528	-		ND	0.528	-		ND	0.528	-		ND	0.528	-		ND	0.528	-		ND	0.528	-		ND	0.528	-
Ethanol	64-17-5			45.4	9.42	-		12.3	9.42	-		49.6	9.42	-		25.1	9.42	-		ND	9.42	-		ND	9.42	-		73.1	9.42	-
Vinyl bromide	593-60-2			ND	0.874	-		ND	0.874	-		ND	0.874	-		ND	0.874	-		ND	0.874	-		ND	0.874	-		ND	0.874	-
Acetone	67-64-1			14.4	2.38	-		6.72	2.38	-		20.1	2.38	-		5.82	2.38	-		20	2.38	-		6.32	2.38	-		28.7	2.38	-
Trichlorofluoromethane	75-69-4			1.18	1.12	-		1.2	1.12	-		1.12	1.12	-		1.19	1.12	-		1.18	1.12	-		1.2	1.12	-		1.2	1.12	-
Isopropanol	67-63-0			8.75	2.46	-		4.18	2.46	-		72.3	2.46	-		4.84	2.46	-		6.34	2.46	-		ND	2.46	-		57.5	2.46	-
1,1-Dichloroethene	75-35-4	0.2	6	ND	0.793	-		-	-	-		ND	0.793	-		-	-	-		ND	0.793	-		-	-	-		ND	0.793	-
Tertiary butyl Alcohol	75-65-0			9.61	1.52	-		ND	1.52	-		7.91	1.52	-		ND	1.52	-		ND	1.52	-		ND	1.52	-		12.3	1.52	-
Methylene chloride	75-09-2	3	100	ND	1.74	-		ND	1.74	-		ND	1.74	-		ND	1.74	-		ND	1.74	-		ND	1.74	-		ND	1.74	-
3-Chloropropene	107-05-1			ND	0.626	-		ND	0.626	-		ND	0.626	-		ND	0.626	-		ND	0.626	-		ND	0.626	-		ND	0.626	-
Carbon disulfide	75-15-0			ND	0.623	-		ND	0.623	-		ND	0.623	-		ND	0.623	-		ND	0.623	-		ND	0.623	-		ND	0.623	-
Freon-113	76-13-1			ND	1.53	-		ND	1.53	-		ND	1.53	-		ND	1.53	-		ND	1.53	-		ND	1.53	-		ND	1.53	-
trans-1,2-Dichloroethene	156-60-5			ND	0.793	-		ND	0.793	-		ND	0.793	-		ND	0.793	-		ND	0.793	-		ND	0.793	-		ND	0.793	-
1,1-Dichloroethane	75-34-3			ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-
Methyl tert butyl ether	1634-04-4			ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-
2-Butanone	78-93-3			ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-
cis-1,2-Dichloroethene	156-59-2	0.2	6	ND	0.793	-		-	-	-		ND	0.793	-		-	-	-		ND	0.793	-		-	-	-		ND	0.793	-
Ethyl Acetate	141-78-6			ND	1.8	-		ND	1.8	-		ND	1.8	-		ND	1.8	-		ND	1.8	-		ND	1.8	-		ND	1.8	-
Chloroform	67-66-3			ND	0.977	-		ND	0.977	-		ND	0.977	-		ND	0.977	-		ND	0.977	-		ND	0.977	-		ND	0.977	-
Tetrahydrofuran	109-99-9			ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		ND	1.47	-		2.33	1.47	-
1,2-Dichloroethane	107-06-2			ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-		ND	0.809	-
n-Hexane	110-54-3	6	200	0.708	0.705	-		ND	0.705	-		17.6	0.705	-		0.955	0.705	-		0.93	0.705	-		ND	0.705	-		15.6	0.705	-
1,1,1-Trichloroethane	71-55-6	3	100	ND	1.09	-		-	-	-		ND	1.09	-		-	-	-		ND	1.09	-		-	-	-		ND	1.09	-
Benzene	71-43-2	2	60	ND	0.639	-		ND	0.639	-		ND	0.639	-		ND	0.639	-		ND	0.639	-		ND	0.639	-		ND	0.639	-
Carbon tetrachloride	56-23-5	0.2	6	ND	1.26	-		-	-	-		ND	1.26	-		-	-	-		ND	1.26	-		-	-	-		ND	1.26	-
Cyclohexane	110-82-7	2	60	ND	0.688	-		ND	0.688	-		ND	0.688	-		ND	0.688	-		0.926	0.688	-		ND	0.688	-		ND	0.688	-
1,2-Dichloropropane	78-87-5			ND	0.924	-		ND	0.924	-		ND	0.924	-		ND	0.924	-		ND	0.924	-		ND	0.924	-		ND	0.924	-
Bromodichloromethane	75-27-4			ND	1.34	-		ND	1.34	-		ND	1.34	-		ND	1.34	-		ND	1.34	-		ND	1.34	-		ND	1.34	-
1,4-Dioxane	123-91-1			ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-		ND	0.721	-
Trichloroethene	79-01-6	0.2	6	ND	1.07	-		-	-	-		ND	1.07	-		-	-	-		ND	1.07	-		-	-	-		ND	1.07	-
2,2,4-Trimethylpentane	540-84-1	2	60	ND	0.934	-		ND	0.934	-		ND	0.934	-		ND	0.934	-		ND	0.934									

Air Sampling Results
61 Water Street, Ossining, New York
March 7, 2025

			SAMPLE ID:		IA-4_250307		SS-5_250307		IA-5_250307		FDO1_250307		OA-1_250307		OA-2_250307		SV1-1_250307						
			LAB ID:		L2513523-08		L2513523-09		L2513523-10		L2513523-11		L2513523-12		L2513523-13		L2513523-14						
			COLLECTION DATE:		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025		3/7/2025						
			SAMPLE DEPTH:																				
			SAMPLE MATRIX:		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		AIR		SOIL_VAPOR						
ANALYTE	CAS	NY-IAC-A-F (ug/m3)	NY-SSC-A-F (ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR																							
Dichlorodifluoromethane	75-71-8			2.41		0.989	-	ND		3.01	-	2.52		0.989	-	3.13		0.989	-	2.65		0.989	-
Chloromethane	74-87-3			1.4		0.413	-	ND		1.26	-	1.29		0.413	-	1.42		0.413	-	1.32		0.413	-
Freon-114	76-14-2			ND		1.4	-	ND		4.25	-	ND		1.4	-	ND		1.4	-	ND		1.4	-
Vinyl chloride	75-01-4	0.2	6	-		-	-	ND		1.55	-	-		-	-	ND		0.511	-	-		-	-
1,3-Butadiene	106-99-0			ND		0.442	-	ND		1.35	-	ND		0.442	-	ND		0.442	-	ND		0.442	-
Bromomethane	74-83-9			ND		0.777	-	ND		2.36	-	ND		0.777	-	ND		0.777	-	ND		0.777	-
Chloroethane	75-00-3			ND		0.528	-	ND		1.6	-	ND		0.528	-	ND		0.528	-	ND		0.528	-
Ethanol	64-17-5			24.5		9.42	-	80.5		28.6	-	12.3		9.42	-	ND		9.42	-	ND		9.42	-
Vinyl bromide	593-60-2			ND		0.874	-	ND		2.66	-	ND		0.874	-	ND		0.874	-	ND		0.874	-
Acetone	67-64-1			36.1		2.38	-	22.4		7.22	-	8.84		2.38	-	19		2.38	-	5.75		2.38	-
Trichlorofluoromethane	75-69-4			1.23		1.12	-	ND		3.42	-	1.18		1.12	-	1.17		1.12	-	1.26		1.12	-
Isopropanol	67-63-0			8.8		2.46	-	11.5		7.47	-	41.8		2.46	-	76.2		2.46	-	17.9		2.46	-
1,1-Dichloroethene	75-35-4	0.2	6	-		-	-	ND		2.41	-	-		-	-	ND		0.793	-	-		-	-
Tertiary butyl Alcohol	75-65-0			ND		1.52	-	10.5		4.61	-	ND		1.52	-	ND		1.52	-	ND		1.52	-
Methylene chloride	75-09-2	3	100	ND		1.74	-	ND		5.28	-	ND		1.74	-	ND		1.74	-	ND		1.74	-
3-Chloropropene	107-05-1			ND		0.626	-	ND		1.9	-	ND		0.626	-	ND		0.626	-	ND		0.626	-
Carbon disulfide	75-15-0			ND		0.623	-	ND		1.89	-	ND		0.623	-	ND		0.623	-	ND		0.623	-
Freon-113	76-13-1			ND		1.53	-	ND		4.66	-	ND		1.53	-	ND		1.53	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5			ND		0.793	-	ND		2.41	-	ND		0.793	-	ND		0.793	-	ND		0.793	-
1,1-Dichloroethane	75-34-3			ND		0.809	-	ND		2.46	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4			ND		0.721	-	ND		2.19	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
2-Butanone	78-93-3			ND		1.47	-	ND		4.48	-	ND		1.47	-	ND		1.47	-	ND		1.47	-
cis-1,2-Dichloroethene	156-59-2	0.2	6	-		-	-	ND		2.41	-	-		-	-	ND		0.793	-	-		-	-
Ethyl Acetate	141-78-6			ND		1.8	-	ND		5.48	-	ND		1.8	-	ND		1.8	-	ND		1.8	-
Chloroform	67-66-3			ND		0.977	-	ND		2.97	-	ND		0.977	-	ND		0.977	-	ND		0.977	-
Tetrahydrofuran	109-99-9			ND		1.47	-	ND		4.48	-	ND		1.47	-	ND		1.47	-	2.14		1.47	-
1,2-Dichloroethane	107-06-2			ND		0.809	-	ND		2.46	-	ND		0.809	-	ND		0.809	-	ND		0.809	-
n-Hexane	110-54-3	6	200	0.937		0.705	-	ND		2.14	-	11.3		0.705	-	14.4		0.705	-	3.07		0.705	-
1,1,1-Trichloroethane	71-55-6	3	100	-		-	-	ND		3.32	-	-		-	-	ND		1.09	-	-		-	-
Benzene	71-43-2	2	60	ND		0.639	-	ND		1.94	-	ND		0.639	-	ND		0.639	-	ND		0.639	-
Carbon tetrachloride	56-23-5	0.2	6	-		-	-	ND		3.82	-	-		-	-	ND		1.26	-	-		-	-
Cyclohexane	110-82-7	2	60	ND		0.688	-	ND		2.09	-	ND		0.688	-	ND		0.688	-	ND		0.688	-
1,2-Dichloropropane	78-87-5			ND		0.924	-	ND		2.81	-	ND		0.924	-	ND		0.924	-	ND		0.924	-
Bromodichloromethane	75-27-4			ND		1.34	-	ND		4.07	-	ND		1.34	-	ND		1.34	-	ND		1.34	-
1,4-Dioxane	123-91-1			ND		0.721	-	ND		2.19	-	ND		0.721	-	ND		0.721	-	ND		0.721	-
Trichloroethene	79-01-6	0.2	6	-		-	-	ND		3.27	-	-		-	-	ND		1.07	-	-		-	-
2,2,4-Trimethylpentane	540-84-1	2	60	ND		0.934	-	ND		2.84	-	ND		0.934	-	ND		0.934	-	ND		0.934	-
Heptane	142-82-5	6	200	ND		0.82	-	ND		2.49	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
cis-1,3-Dichloropropene	10061-01-5			ND		0.908	-	ND		2.76	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1			ND		2.05	-	ND		6.23	-	ND		2.05	-	ND		2.05	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6			ND		0.908	-	ND		2.76	-	ND		0.908	-	ND		0.908	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5			ND		1.09	-	ND		3.32	-	ND		1.09	-	ND		1.09	-	ND		1.09	-
Toluene	108-88-3	10	300	ND		0.754	-	ND		2.29	-	ND		0.754	-	ND		0.754	-	ND		0.754	-
2-Hexanone	591-78-6			ND		0.82	-	ND		2.49	-	ND		0.82	-	ND		0.82	-	ND		0.82	-
Dibromochloromethane	124-48-1			ND		1.7	-	ND		5.18	-	ND		1.7	-	ND		1.7	-	ND		1.7	-
1,2-Dibromoethane	106-93-4			ND		1.54	-	ND		4.67	-	ND		1.54	-	ND		1.54	-	ND		1.54	-
Tetrachloroethene	127-18-4	3	100	-		-	-	ND		4.12	-	-		-	-	ND		1.36	-	-		-	-
Chlorobenzene	108-90-7			ND		0.921	-	ND		2.8	-	ND		0.921	-	ND		0.921	-	ND			

Air Sampling Results
61 Water Street, Ossining, New York
March 7, 2025

				SAMPLE ID: SV1-2_250307				SV1-3_250307				SV1-4_250307			
				LAB ID: L2513523-15				L2513523-16				L2513523-17			
				COLLECTION DATE: 3/7/2025				3/7/2025				3/7/2025			
				SAMPLE DEPTH:											
				SAMPLE MATRIX: SOIL_VAPOR				SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	NY-IAC-A-F (ug/m3)	NY-SSC-A-F (ug/m3)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL
VOLATILE ORGANICS IN AIR															
Dichlorodifluoromethane	75-71-8			2.45	0.989	-		2.58	0.989	-		ND	2.86	-	
Chloromethane	74-87-3			1.4	0.413	-		1.34	0.413	-		ND	1.19	-	
Freon-114	76-14-2			ND	1.4	-		ND	1.4	-		ND	4.04	-	
Vinyl chloride	75-01-4	0.2	6	ND	0.511	-		ND	0.511	-		ND	1.48	-	
1,3-Butadiene	106-99-0			ND	0.442	-		ND	0.442	-		ND	1.28	-	
Bromomethane	74-83-9			ND	0.777	-		ND	0.777	-		ND	2.24	-	
Chloroethane	75-00-3			ND	0.528	-		ND	0.528	-		ND	1.53	-	
Ethanol	64-17-5			332	9.42	-		ND	9.42	-		116	27.3	-	
Vinyl bromide	593-60-2			ND	0.874	-		ND	0.874	-		ND	2.53	-	
Acetone	67-64-1			71.5	2.38	-		11.2	2.38	-		29.9	6.87	-	
Trichlorofluoromethane	75-69-4			ND	1.12	-		1.19	1.12	-		ND	3.25	-	
Isopropanol	67-63-0			16.7	2.46	-		2.95	2.46	-		ND	7.1	-	
1,1-Dichloroethene	75-35-4	0.2	6	ND	0.793	-		ND	0.793	-		ND	2.29	-	
Tertiary butyl Alcohol	75-65-0			20.1	1.52	-		ND	1.52	-		5.61	4.4	-	
Methylene chloride	75-09-2	3	100	ND	1.74	-		ND	1.74	-		ND	5.04	-	
3-Chloropropene	107-05-1			ND	0.626	-		ND	0.626	-		ND	1.81	-	
Carbon disulfide	75-15-0			ND	0.623	-		2.27	0.623	-		ND	1.8	-	
Freon-113	76-13-1			ND	1.53	-		ND	1.53	-		ND	4.43	-	
trans-1,2-Dichloroethene	156-60-5			ND	0.793	-		ND	0.793	-		ND	2.29	-	
1,1-Dichloroethane	75-34-3			ND	0.809	-		ND	0.809	-		ND	2.34	-	
Methyl tert butyl ether	1634-04-4			ND	0.721	-		ND	0.721	-		ND	2.08	-	
2-Butanone	78-93-3			1.58	1.47	-		ND	1.47	-		ND	4.28	-	
cis-1,2-Dichloroethene	156-59-2	0.2	6	ND	0.793	-		ND	0.793	-		ND	2.29	-	
Ethyl Acetate	141-78-6			ND	1.8	-		ND	1.8	-		ND	5.23	-	
Chloroform	67-66-3			ND	0.977	-		ND	0.977	-		ND	2.82	-	
Tetrahydrofuran	109-99-9			1.63	1.47	-		ND	1.47	-		ND	4.28	-	
1,2-Dichloroethane	107-06-2			ND	0.809	-		ND	0.809	-		ND	2.34	-	
n-Hexane	110-54-3	6	200	3.63	0.705	-		0.719	0.705	-		ND	2.04	-	
1,1,1-Trichloroethane	71-55-6	3	100	ND	1.09	-		ND	1.09	-		67.7	3.15	-	
Benzene	71-43-2	2	60	1.07	0.639	-		ND	0.639	-		ND	1.85	-	
Carbon tetrachloride	56-23-5	0.2	6	ND	1.26	-		ND	1.26	-		ND	3.64	-	
Cyclohexane	110-82-7	2	60	ND	0.688	-		ND	0.688	-		ND	1.99	-	
1,2-Dichloropropane	78-87-5			ND	0.924	-		ND	0.924	-		ND	2.67	-	
Bromodichloromethane	75-27-4			ND	1.34	-		ND	1.34	-		ND	3.87	-	
1,4-Dioxane	123-91-1			ND	0.721	-		ND	0.721	-		ND	2.08	-	
Trichloroethene	79-01-6	0.2	6	ND	1.07	-		ND	1.07	-		ND	3.11	-	
2,2,4-Trimethylpentane	540-84-1	2	60	ND	0.934	-		ND	0.934	-		ND	2.7	-	
Heptane	142-82-5	6	200	4.47	0.82	-		ND	0.82	-		ND	2.37	-	
cis-1,3-Dichloropropene	10061-01-5			ND	0.908	-		ND	0.908	-		ND	2.62	-	
4-Methyl-2-pentanone	108-10-1			ND	2.05	-		ND	2.05	-		ND	5.94	-	
trans-1,3-Dichloropropene	10061-02-6			ND	0.908	-		ND	0.908	-		ND	2.62	-	
1,1,2-Trichloroethane	79-00-5			ND	1.09	-		ND	1.09	-		ND	3.15	-	
Toluene	108-88-3	10	300	0.784	0.754	-		ND	0.754	-		33.9	2.18	-	
2-Hexanone	591-78-6			ND	0.82	-		ND	0.82	-		ND	2.37	-	
Dibromochloromethane	124-48-1			ND	1.7	-		ND	1.7	-		ND	4.92	-	
1,2-Dibromoethane	106-93-4			ND	1.54	-		ND	1.54	-		ND	4.44	-	
Tetrachloroethene	127-18-4	3	100	ND	1.36	-		ND	1.36	-		10.1	3.92	-	
Chlorobenzene	108-90-7			ND	0.921	-		ND	0.921	-		ND	2.66	-	
Ethylbenzene	100-41-4	2	60	ND	0.869	-		3.98	0.869	-		ND	2.51	-	
p/m-Xylene	179601-23-1	6	200	ND	1.74	-		6.21	1.74	-		ND	5.04	-	
Bromoform	75-25-2			ND	2.07	-		ND	2.07	-		ND	5.98	-	
Styrene	100-42-5			ND	0.852	-		ND	0.852	-		ND	2.46	-	
1,1,2,2-Tetrachloroethane	79-34-5			ND	1.37	-		ND	1.37	-		ND	3.97	-	
o-Xylene	95-47-6	2	60	ND	0.869	-		8.17	0.869	-		ND	2.51	-	
4-Ethyltoluene	622-96-8			ND	0.983	-		1.01	0.983	-		ND	2.84	-	
1,3,5-Trimethylbenzene	108-67-8	2	60	ND	0.983	-		1.04	0.983	-		ND	2.84	-	
1,2,4-Trimethylbenzene	95-63-6	2	60	ND	0.983	-		1.45	0.983	-		ND	2.84	-	
Benzyl chloride	100-44-7			ND	1.04	-		ND	1.04	-		ND	2.99	-	
1,3-Dichlorobenzene	541-73-1			1.82	1.2	-		ND	1.2	-		ND	3.48	-	
1,4-Dichlorobenzene	106-46-7			ND	1.2	-		ND	1.2	-		ND	3.48	-	
1,2-Dichlorobenzene	95-50-1			ND	1.2	-		ND	1.2	-		ND	3.48	-	
1,2,4-Trichlorobenzene	120-82-1			ND	1.48	-		ND	1.48	-		ND	4.29	-	
Naphthalene	91-20-3	2	60	ND	0.996	-		ND	0.996	-		ND	2.88	-	
Hexachlorobutadiene	87-68-3			ND	2.13	-		ND	2.13	-		ND	6.17	-	
VOLATILE ORGANICS IN AIR BY SIM															
Vinyl chloride	75-01-4	0.2	6	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.2	6	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.2	6	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	3	100	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.2	6	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.2	6	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	3	100	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-IAC-A-F: New York DOH Matrices A-F Indoor Air Concentrations Criteria per Guidance for Evaluating :
NY-SSC-A-F: New York DOH Matrices A-F Sub-slab Vapor Concentrations Criteria per Guidance for Evali

Groundwater Sampling Results
61 Water Street, Ossining, New York
March 7, 2025

		SAMPLE ID:	FD01_250306	SB-30_250306				SB-31B_250306				SB-36B_250306				SB-37_250306				SB-39_250306			
		LAB ID:	L2512932-06	L2512932-01				L2512932-02				L2512932-03				L2512932-04				L2512932-05			
		COLLECTION DATE:	3/6/2025	3/6/2025				3/6/2025				3/6/2025				3/6/2025				3/6/2025			
		SAMPLE DEPTH:																					
		SAMPLE MATRIX:	WATER	WATER				WATER				WATER				WATER				WATER			
		NY-AWQS																					
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	Conc	Q	RL	MDL	
VOLATILE ORGANICS BY GC/MS																							
Methylene chloride	75-09-2	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND	J	2.5	0.7	ND		2.5	0.7	
Chloroform	67-66-3	7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	
1,2-Dichloropropane	78-87-5	1	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	ND		1	0.14	
Dibromochloromethane	124-48-1	50	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	ND		0.5	0.15	
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	ND		1.5	0.5	
Tetrachloroethene	127-18-4	5	ND		0.5	0.18	0.26	J	0.5	0.18	19		0.5	0.18	ND		0.5	0.18	16		0.5	0.18	
Chlorobenzene	108-90-7	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	ND		0.5	0.13	
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Bromodichloromethane	75-27-4	50	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	ND		0.5	0.19	
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	ND		0.5	0.14	
Bromoform	75-25-2	50	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	
Benzene	71-43-2	1	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	ND		0.5	0.16	
Toluene	108-88-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Ethylbenzene	100-41-4	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Chloromethane	74-87-3		ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Bromomethane	74-83-9	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Vinyl chloride	75-01-4	2	ND		1	0.07	0.62	J	1	0.07	ND		1	0.07	ND		5.6	1	0.07	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17	ND		0.5	0.17	ND		0.5	0.17	ND	J	0.5	0.17	ND		0.5	0.17	
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Trichloroethene	79-01-6	5	ND		0.5	0.18	0.43	J	0.5	0.18	7.9		0.5	0.18	ND		10	0.5	0.18	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	ND		2.5	0.17	
p/m-Xylene	179601-23-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
o-Xylene	95-47-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7	ND		2.5	0.7	1.4	J	2.5	0.7	ND		10	2.5	0.7	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Dichlorodifluoromethane	75-71-8	5	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	
Acetone	67-64-1	50	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	ND		5	1.5	
Carbon disulfide	75-15-0	60	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	
2-Butanone	78-93-3	50	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	ND		5	1.9	
4-Methyl-2-pentanone	108-10-1		ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	
2-Hexanone	591-78-6	50	ND		5	1	ND		5	1	ND		5	1	ND		5	1	ND		5	1	
Bromochloromethane	74-97-5	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	ND		2	0.65	
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Isopropylbenzene	98-82-8	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Methyl Acetate	79-20-9		ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	ND		2	0.23	
Cyclohexane	110-82-7		ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	ND		10	0.27	
1,4-Dioxane	123-91-1	0.35	ND		250	61	ND		250	61	ND		250	61	ND		250	61	ND		250	61	
Freon-113	76-13-1	5	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	ND		2.5	0.7	
Methyl cyclohexane	108-87-2		ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	ND		10	0.4	
Total VOCs			-	-	-	-	1.31	-	-	-	28.3	-	-	-	-	-	44.48	-	-	-	0.92	-	-
DISSOLVED METALS																							
Chromium, Dissolved	7440-47-3	50	-	-	-	-	2.38	1	0.17	17.58	1	0.17	-	-	-	-	-	-	-	-	-	-	
Copper, Dissolved	7440-50-8	200	-	-	-	-	3.82	1	0.3														

		SAMPLE ID:	TRIP BLANK			
		LAB ID:	L2512932-07			
		COLLECTION DATE:	2/27/2025			
		SAMPLE DEPTH:				
		SAMPLE MATRIX:	WATER			
		NY-AWQS				
ANALYTE	CAS	(ug/l)	Conc	Q	RL	MDL
VOLATILE ORGANICS BY GC/MS						
Methylene chloride	75-09-2	5	ND		2.5	0.7
1,1-Dichloroethane	75-34-3	5	ND		2.5	0.7
Chloroform	67-66-3	7	ND		2.5	0.7
Carbon tetrachloride	56-23-5	5	ND		0.5	0.13
1,2-Dichloropropane	78-87-5	1	ND		1	0.14
Dibromochloromethane	124-48-1	50	ND		0.5	0.15
1,1,2-Trichloroethane	79-00-5	1	ND		1.5	0.5
Tetrachloroethene	127-18-4	5	ND		0.5	0.18
Chlorobenzene	108-90-7	5	ND		2.5	0.7
Trichlorofluoromethane	75-69-4	5	ND		2.5	0.7
1,2-Dichloroethane	107-06-2	0.6	ND		0.5	0.13
1,1,1-Trichloroethane	71-55-6	5	ND		2.5	0.7
Bromodichloromethane	75-27-4	50	ND		0.5	0.19
trans-1,3-Dichloropropene	10061-02-6	0.4	ND		0.5	0.16
cis-1,3-Dichloropropene	10061-01-5	0.4	ND		0.5	0.14
Bromoform	75-25-2	50	ND		2	0.65
1,1,2,2-Tetrachloroethane	79-34-5	5	ND		0.5	0.17
Benzene	71-43-2	1	ND		0.5	0.16
Toluene	108-88-3	5	ND		2.5	0.7
Ethylbenzene	100-41-4	5	ND		2.5	0.7
Chloromethane	74-87-3		ND		2.5	0.7
Bromomethane	74-83-9	5	ND		2.5	0.7
Vinyl chloride	75-01-4	2	ND		1	0.07
Chloroethane	75-00-3	5	ND		2.5	0.7
1,1-Dichloroethene	75-35-4	5	ND		0.5	0.17
trans-1,2-Dichloroethene	156-60-5	5	ND		2.5	0.7
Trichloroethene	79-01-6	5	ND		0.5	0.18
1,2-Dichlorobenzene	95-50-1	3	ND		2.5	0.7
1,3-Dichlorobenzene	541-73-1	3	ND		2.5	0.7
1,4-Dichlorobenzene	106-46-7	3	ND		2.5	0.7
Methyl tert butyl ether	1634-04-4	10	ND		2.5	0.17
p/m-Xylene	179601-23-1	5	ND		2.5	0.7
o-Xylene	95-47-6	5	ND		2.5	0.7
cis-1,2-Dichloroethene	156-59-2	5	ND		2.5	0.7
Styrene	100-42-5	5	ND		2.5	0.7
Dichlorodifluoromethane	75-71-8	5	ND		5	1
Acetone	67-64-1	50	ND		5	1.5
Carbon disulfide	75-15-0	60	ND		5	1
2-Butanone	78-93-3	50	ND		5	1.9
4-Methyl-2-pentanone	108-10-1		ND		5	1
2-Hexanone	591-78-6	50	ND		5	1
Bromochloromethane	74-97-5	5	ND		2.5	0.7
1,2-Dibromoethane	106-93-4	0.0006	ND		2	0.65
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ND		2.5	0.7
Isopropylbenzene	98-82-8	5	ND		2.5	0.7
1,2,3-Trichlorobenzene	87-61-6	5	ND		2.5	0.7
1,2,4-Trichlorobenzene	120-82-1	5	ND		2.5	0.7
Methyl Acetate	79-20-9		ND		2	0.23
Cyclohexane	110-82-7		ND		10	0.27
1,4-Dioxane	123-91-1	0.35	ND		250	61
Freon-113	76-13-1	5	ND		2.5	0.7
Methyl cyclohexane	108-87-2		ND		10	0.4
Total VOCs			-	-	-	-
DISSOLVED METALS						
Chromium, Dissolved	7440-47-3	50	-	-	-	-
Copper, Dissolved	7440-50-8	200	-	-	-	-
Lead, Dissolved	7439-92-1	25	-	-	-	-
Mercury, Dissolved	7439-97-6	0.7	-	-	-	-
Nickel, Dissolved	7440-02-0	100	-	-	-	-
Silver, Dissolved	7440-22-4	50	-	-	-	-
TOTAL METALS						
Chromium, Total	7440-47-3	50	-	-	-	-
Copper, Total	7440-50-8	200	-	-	-	-
Lead, Total	7439-92-1	25	-	-	-	-
Mercury, Total	7439-97-6	0.7	-	-	-	-
Nickel, Total	7440-02-0	100	-	-	-	-
Silver, Total	7440-22-4	50	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standar

DATA USABILITY SUMMARY REPORT WIRE MILL, OSSINING, NEW YORK

Client: C.T. Male Associates, Latham, New York
 SDG: L2441714
 Laboratory: Alpha Analytical, Westborough, Massachusetts
 Site: Wire Mill, Ossining, New York
 Date: September 1, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1*	SS-1	L2441714-01	Air
2	IA-1	L2441714-02	Air
3*	SS-2	L2441714-03	Air
4	IA-2	L2441714-04	Air
5*	SS-3	L2441714-05	Air
6	IA-3	L2441714-06	Air
7*	SS-4	L2441714-07	Air
8	IA-4	L2441714-08	Air
9*	SS-5	L2441714-09	Air
10	IA-5	L2441714-10	Air
11	OA-1	L2441714-11	Air
12	OA-2	L2441714-12	Air
13*	FD01	L2441714-13	Air

* - VOC only

A Data Usability Summary Review was performed on the analytical data for thirteen air samples collected on July 22, 2024 by CT Male at the Wire Mill site in Ossining, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis

VOCs
 VOCs

Method References

USEPA Method TO-15
 USEPA Method TO-15-SIM

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method and Field Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes. There were no qualifications.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- All relative standard deviation (%RSD), %R and/or coefficient of determination criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Compound Quantitation

- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples are summarized below. The precision was acceptable.

Compound	SS-3 ug/m3	FD01 ug/m3	RPD	Qualifier
Dichlorodifluoromethane	1.99	2.72	31%	None
Ethanol	121	101	18%	
Acetone	17.1	14.4	17%	
Trichlorofluoromethane	1.15	1.12U	NC	
Isopropanol	3.86	4.84	23%	
Tertiary Butyl Alcohol	25.2	17.0	39%	
Methylene Chloride	1.74U	1.75	NC	
Carbon Disulfide	1.56	1.28	20%	
2-Butanone	9.73	9.20	6%	
Tetrahydrofuran	1.71	3.04	56%	
n-Hexane	4.19	3.40	21%	
Benzene	0.824	1.09	28%	
Cyclohexane	3.17	2.31	31%	
2,2,4-Trimethylpentane	4.72	3.33	35%	
Heptane	1.32	1.87	34%	
Toluene	52.0	60.3	15%	
Tetrachloroethene	6.26	6.55	5%	
Ethylbenzene	12.7	13.7	8%	
p/m-Xylene	51.3	53.9	5%	
o-Xylene	17.5	19.0	8%	
4-Ethyltoluene	4.85	5.36	10%	
1,3,5-Trimethylbenzene	8.41	6.98	19%	
1,2,4-Trimethylenzene	29.4	27.7	6%	
Naphthalene	1.44	1.17	21%	

Volatile Organic Compounds by SIM (VOC-SIM)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- All relative standard deviation (%RSD), %R and/or coefficient of determination criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

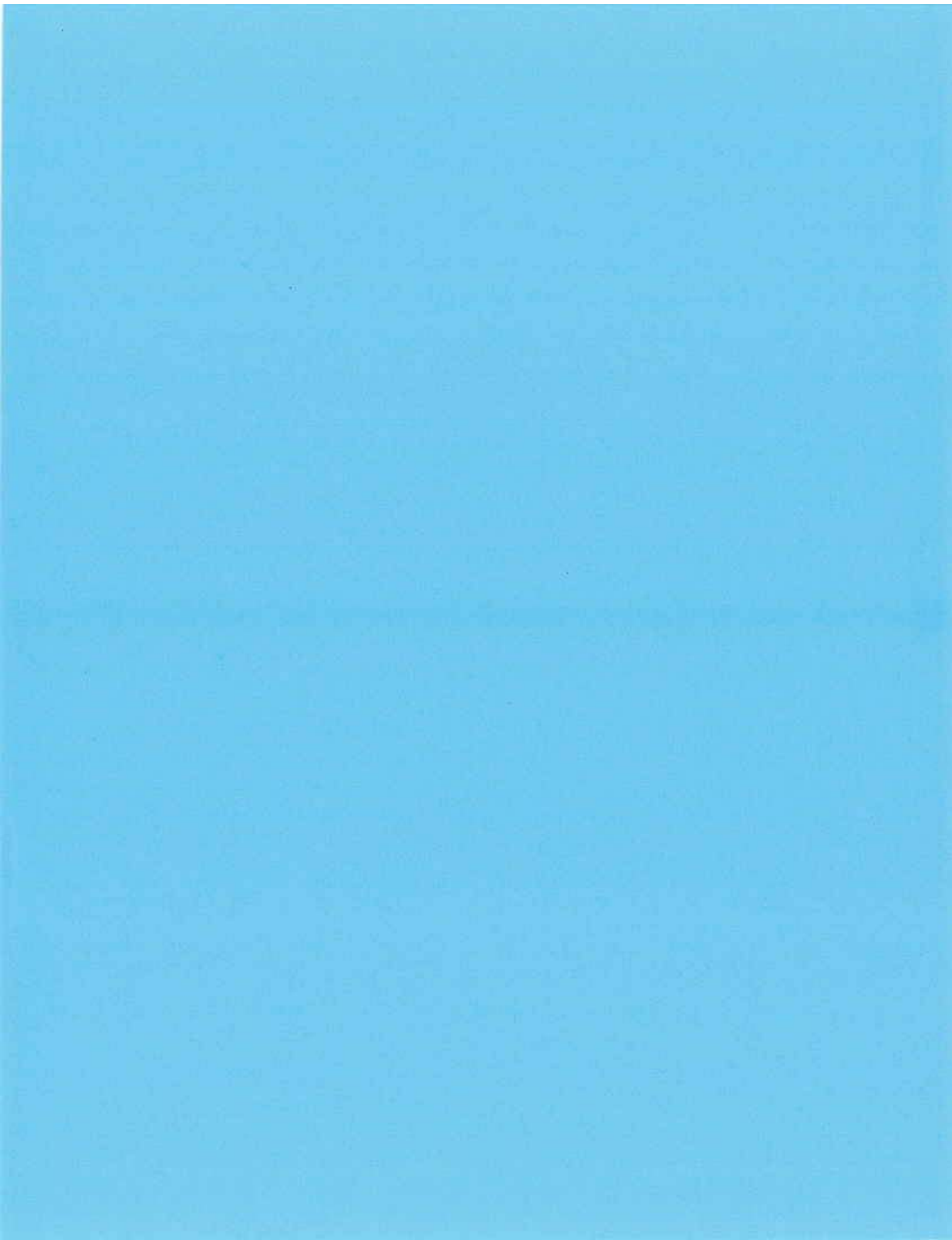
Signed:

Nancy Weaver

Dated:

9/4/24

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-01
Client ID : SS-1
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225861
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:52
Date Received : 07/23/24
Date Analyzed : 07/26/24 22:26
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--	
74-87-3	Chloromethane	0.228	0.200	--	0.471	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	28.6	5.00	--	53.9	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	125	1.00	--	297	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	11.9	0.500	--	29.3	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	30.1	0.500	--	91.2	1.52	--	
75-09-2	Methylene chloride	0.807	0.500	--	2.80	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.433	0.200	--	1.35	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	33.8	0.500	--	99.7	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	1.39	0.500	--	5.01	1.80	--	
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.907	0.500	--	2.68	1.47	--	

nw 9/1/24



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-01
Client ID : SS-1
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225861
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:52
Date Received : 07/23/24
Date Analyzed : 07/26/24 22:26
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.17	0.200	--	4.12	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.407	0.200	--	1.30	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	0.223	0.200	--	1.20	1.07	--	
540-84-1	2,2,4-Trimethylpentane	0.548	0.200	--	2.56	0.934	--	
142-82-5	Heptane	0.202	0.200	--	0.828	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	0.856	0.500	--	3.51	2.05	--	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.40	0.200	--	16.6	0.754	--	
591-78-6	2-Hexanone	11.9	0.200	--	48.8	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	1.01	0.200	--	6.85	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.04	0.200	--	8.86	0.869	--	
179601-23-1	p/m-Xylene	9.53	0.400	--	41.4	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

new 9/1/24



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-01
Client ID : SS-1
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225861
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:52
Date Received : 07/23/24
Date Analyzed : 07/26/24 22:26
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	4.26	0.200	--	18.5	0.869	--	
622-96-8	4-Ethyltoluene	1.18	0.200	--	5.80	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	2.22	0.200	--	10.9	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	8.12	0.200	--	39.9	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	4.67	0.200	--	24.5	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

mw 9/1/24



Results Summary Form 1 Volatile Organics in Air

2

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-02
Client ID : IA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225860
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:54
Date Received : 07/23/24
Date Analyzed : 07/26/24 21:54
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.428	0.200	--	2.12	0.989	--	
74-87-3	Chloromethane	0.648	0.200	--	1.34	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	56.6	5.00	--	107	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	19.8	1.00	--	47.0	2.38	--	
75-69-4	Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	6.75	0.500	--	16.6	1.23	--	
75-65-0	Tertiary butyl Alcohol	0.628	0.500	--	1.90	1.52	--	
75-09-2	Methylene chloride	0.917	0.500	--	3.19	1.74	--	
107-05-1	3-Chloropropene	0.522	0.200	--	1.63	0.626	--	
75-15-0	Carbon disulfide	1.52	0.200	--	4.73	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.283	0.200	--	1.15	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.18	0.500	--	3.48	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.74	0.500	--	5.13	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	5.07	0.200	--	17.9	0.705	--	
71-43-2	Benzene	0.545	0.200	--	1.74	0.639	--	

new 9/1/24



Results Summary Form 1 Volatile Organics in Air

2

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-02
Client ID : IA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225860
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:54
Date Received : 07/23/24
Date Analyzed : 07/26/24 21:54
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	1.27	0.200	--	4.37	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	6.26	0.200	--	29.2	0.934	--	
142-82-5	Heptane	0.894	0.200	--	3.66	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	3.16	0.200	--	11.9	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.07	0.200	--	8.99	0.869	--	
179601-23-1	p/m-Xylene	8.12	0.400	--	35.3	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.372	0.200	--	1.58	0.852	--	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.49	0.200	--	10.8	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.520	0.200	--	2.56	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

nw 9/1/24



2

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-02
Client ID : IA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225860
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:54
Date Received : 07/23/24
Date Analyzed : 07/26/24 21:54
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.208	0.200	--	1.09	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

nw 9/1/24



Results Summary Form 1 Volatile Organics in Air

3

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-03
Client ID : SS-2
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225862
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:07
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:00
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.426	0.200	--	2.11	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	127	5.00	--	239	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	11.4	1.00	--	27.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.204	0.200	--	1.15	1.12	--	
67-63-0	Isopropanol	1.93	0.500	--	4.74	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	8.19	0.500	--	24.8	1.52	--	
75-09-2	Methylene chloride	0.906	0.500	--	3.15	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.593	0.200	--	1.85	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	4.98	0.500	--	14.7	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	1.14	0.500	--	4.11	1.80	--	
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.70	0.500	--	5.01	1.47	--	

new 9/1/24



3

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-03
Client ID : SS-2
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225862
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:07
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:00
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.27	0.200	--	4.48	0.705	--	
71-55-6	1,1,1-Trichloroethane	0.876	0.200	--	4.78	1.09	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.657	0.200	--	3.07	0.934	--	
142-82-5	Heptane	0.460	0.200	--	1.89	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	5.71	0.200	--	21.5	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	15.5	0.200	--	105	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	4.63	0.200	--	20.1	0.869	--	
179601-23-1	p/m-Xylene	15.7	0.400	--	68.2	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

nw 9/1/24



3

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-03
Client ID : SS-2
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225862
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:07
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:00
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	6.35	0.200	--	27.6	0.869	--	
622-96-8	4-Ethyltoluene	1.57	0.200	--	7.72	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	2.70	0.200	--	13.3	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	9.49	0.200	--	46.7	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.236	0.200	--	1.24	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

new 9/1/24



4

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-04
Client ID : IA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225850
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:06
Date Received : 07/23/24
Date Analyzed : 07/26/24 16:25
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.401	0.200	--	1.98	0.989	--	
74-87-3	Chloromethane	0.630	0.200	--	1.30	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	53.6	5.00	--	101	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	19.6	1.00	--	46.6	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	5.91	0.500	--	14.5	1.23	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	0.693	0.500	--	2.41	1.74	--	
107-05-1	3-Chloropropene	0.484	0.200	--	1.51	0.626	--	
75-15-0	Carbon disulfide	1.54	0.200	--	4.80	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.274	0.200	--	1.11	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.09	0.500	--	3.21	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.12	0.500	--	3.30	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	4.79	0.200	--	16.9	0.705	--	
71-43-2	Benzene	0.554	0.200	--	1.77	0.639	--	

new 9/1/24



4

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-04
Client ID : IA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225850
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:06
Date Received : 07/23/24
Date Analyzed : 07/26/24 16:25
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	1.16	0.200	--	3.99	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	5.70	0.200	--	26.6	0.934	--	
142-82-5	Heptane	0.709	0.200	--	2.91	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	3.28	0.200	--	12.4	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.02	0.200	--	8.77	0.869	--	
179601-23-1	p/m-Xylene	7.79	0.400	--	33.8	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.374	0.200	--	1.59	0.852	--	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.38	0.200	--	10.3	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.524	0.200	--	2.58	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

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Results Summary Form 1 Volatile Organics in Air

4

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-04
Client ID : IA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R225850
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:06
Date Received : 07/23/24
Date Analyzed : 07/26/24 16:25
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.200	--	ND	1.05	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

NW 9/11/24



Results Summary Form 1 Volatile Organics in Air

5

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-05
Client ID : SS-3
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225863
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:33
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.403	0.200	--	1.99	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	64.1	5.00	--	121	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	7.20	1.00	--	17.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.205	0.200	--	1.15	1.12	--	
67-63-0	Isopropanol	1.57	0.500	--	3.86	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	8.31	0.500	--	25.2	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.500	0.200	--	1.56	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	3.30	0.500	--	9.73	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.581	0.500	--	1.71	1.47	--	

mw 9/1/24



Results Summary Form 1 Volatile Organics in Air

5

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-05
Client ID : SS-3
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225863
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:33
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.19	0.200	--	4.19	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.258	0.200	--	0.824	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.921	0.200	--	3.17	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	1.01	0.200	--	4.72	0.934	--	
142-82-5	Heptane	0.321	0.200	--	1.32	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	13.8	0.200	--	52.0	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.923	0.200	--	6.26	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.92	0.200	--	12.7	0.869	--	
179601-23-1	p/m-Xylene	11.8	0.400	--	51.3	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

new 9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-05
Client ID : SS-3
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R225863
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/26/24 23:33
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	4.04	0.200	--	17.5	0.869	--	
622-96-8	4-Ethyltoluene	0.986	0.200	--	4.85	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	1.71	0.200	--	8.41	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	5.98	0.200	--	29.4	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.275	0.200	--	1.44	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

mw 9/11/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-06
Client ID : IA-3
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930111
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:28
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:15
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.534	0.200	--	2.64	0.989	--	
74-87-3	Chloromethane	0.682	0.200	--	1.41	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	40.8	5.00	--	76.9	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	18.1	1.00	--	43.0	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	6.31	0.500	--	15.5	1.23	--	
75-65-0	Tertiary butyl Alcohol	0.502	0.500	--	1.52	1.52	--	
75-09-2	Methylene chloride	0.599	0.500	--	2.08	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	1.46	0.200	--	4.55	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.334	0.200	--	1.35	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.46	0.500	--	4.31	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.08	0.500	--	3.19	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	4.18	0.200	--	14.7	0.705	--	
71-43-2	Benzene	0.563	0.200	--	1.80	0.639	--	

aw 9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-06
Client ID : IA-3
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930111
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:28
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:15
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.975	0.200	--	3.36	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	4.91	0.200	--	22.9	0.934	--	
142-82-5	Heptane	0.798	0.200	--	3.27	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.35	0.200	--	16.4	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.57	0.200	--	11.2	0.869	--	
179601-23-1	p/m-Xylene	9.99	0.400	--	43.4	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.398	0.200	--	1.69	0.852	--	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	3.11	0.200	--	13.5	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.649	0.200	--	3.19	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

mw 9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-06
Client ID : IA-3
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930111
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:28
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:15
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.368	0.200	--	1.93	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-07
Client ID : SS-4
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930115
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:31
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:01
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.563	0.200	--	2.78	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	19.3	5.00	--	36.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	5.72	1.00	--	13.6	2.38	--	
75-69-4	Trichlorofluoromethane	0.265	0.200	--	1.49	1.12	--	
67-63-0	Isopropanol	2.07	0.500	--	5.09	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	6.70	0.500	--	20.3	1.52	--	
75-09-2	Methylene chloride	1.67	0.500	--	5.80	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	8.50	0.200	--	26.5	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	5.18	0.500	--	15.3	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	1.17	0.500	--	4.22	1.80	--	
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.23	0.500	--	3.63	1.47	--	

nw 9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-07
Client ID : SS-4
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930115
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:31
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:01
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.861	0.200	--	3.03	0.705	--	
71-55-6	1,1,1-Trichloroethane	48.0	0.200	--	262	1.09	--	
71-43-2	Benzene	0.246	0.200	--	0.786	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.250	0.200	--	0.861	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.257	0.200	--	1.20	0.934	--	
142-82-5	Heptane	0.264	0.200	--	1.08	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.17	0.200	--	15.7	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	1.29	0.200	--	8.75	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.88	0.200	--	8.17	0.869	--	
179601-23-1	p/m-Xylene	8.49	0.400	--	36.9	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

new 9/11/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-07
Client ID : SS-4
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930115
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:31
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:01
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	3.62	0.200	--	15.7	0.869	--	
622-96-8	4-Ethyltoluene	1.11	0.200	--	5.46	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	1.47	0.200	--	7.23	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	5.43	0.200	--	26.7	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.200	--	ND	1.05	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

nw 9/1/24



Results Summary Form 1 Volatile Organics in Air

8

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-08
Client ID : IA-4
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930112
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 17:40
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:56
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.515	0.200	--	2.55	0.989	--	
74-87-3	Chloromethane	0.894	0.200	--	1.85	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	216	5.00	--	407	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	50.2	1.00	--	119	2.38	--	
75-69-4	Trichlorofluoromethane	0.225	0.200	--	1.26	1.12	--	
67-63-0	Isopropanol	13.1	0.500	--	32.2	1.23	--	
75-65-0	Tertiary butyl Alcohol	0.690	0.500	--	2.09	1.52	--	
75-09-2	Methylene chloride	1.97	0.500	--	6.84	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	1.18	0.200	--	3.67	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.273	0.200	--	1.10	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	2.24	0.500	--	6.61	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.800	0.200	--	3.91	0.977	--	
109-99-9	Tetrahydrofuran	1.21	0.500	--	3.57	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.06	0.200	--	10.8	0.705	--	
71-43-2	Benzene	0.495	0.200	--	1.58	0.639	--	

NW 9/1/24



8

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-08
Client ID : IA-4
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930112
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 17:40
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:56
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.727	0.200	--	2.50	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	3.40	0.200	--	15.9	0.934	--	
142-82-5	Heptane	1.63	0.200	--	6.68	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	3.33	0.200	--	12.5	0.754	--	
591-78-6	2-Hexanone	0.284	0.200	--	1.16	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	1.84	0.200	--	7.99	0.869	--	
179601-23-1	p/m-Xylene	6.90	0.400	--	30.0	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.549	0.200	--	2.34	0.852	--	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.12	0.200	--	9.21	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.490	0.200	--	2.41	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

new 9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-08
Client ID : IA-4
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930112
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 17:40
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:56
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.206	0.200	--	1.08	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

ms 9/1/24



Results Summary Form 1 Volatile Organics in Air

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Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-09D
Client ID : SS-5
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930116
Sample Amount : 30.0 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:54
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:42
Dilution Factor : 8.333
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	1.67	--	ND	8.26	--	U
74-87-3	Chloromethane	ND	1.67	--	ND	3.45	--	U
76-14-2	Freon-114	ND	1.67	--	ND	11.7	--	U
75-01-4	Vinyl chloride	ND	1.67	--	ND	4.27	--	U
106-99-0	1,3-Butadiene	ND	1.67	--	ND	3.69	--	U
74-83-9	Bromomethane	ND	1.67	--	ND	6.48	--	U
75-00-3	Chloroethane	ND	1.67	--	ND	4.41	--	U
64-17-5	Ethanol	42.5	41.7	--	80.1	78.6	--	
593-60-2	Vinyl bromide	ND	1.67	--	ND	7.30	--	U
67-64-1	Acetone	9.72	8.33	--	23.1	19.8	--	
75-69-4	Trichlorofluoromethane	ND	1.67	--	ND	9.38	--	U
67-63-0	Isopropanol	ND	4.17	--	ND	10.3	--	U
75-35-4	1,1-Dichloroethene	ND	1.67	--	ND	6.62	--	U
75-65-0	Tertiary butyl Alcohol	4.65	4.17	--	14.1	12.6	--	
75-09-2	Methylene chloride	ND	4.17	--	ND	14.5	--	U
107-05-1	3-Chloropropene	ND	1.67	--	ND	5.23	--	U
75-15-0	Carbon disulfide	ND	1.67	--	ND	5.20	--	U
76-13-1	Freon-113	ND	1.67	--	ND	12.8	--	U
156-60-5	trans-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--	U
75-34-3	1,1-Dichloroethane	13.4	1.67	--	54.2	6.76	--	
1634-04-4	Methyl tert butyl ether	ND	1.67	--	ND	6.02	--	U
78-93-3	2-Butanone	6.14	4.17	--	18.1	12.3	--	
156-59-2	cis-1,2-Dichloroethene	ND	1.67	--	ND	6.62	--	U
141-78-6	Ethyl Acetate	ND	4.17	--	ND	15.0	--	U
67-66-3	Chloroform	5.24	1.67	--	25.6	8.16	--	
109-99-9	Tetrahydrofuran	ND	4.17	--	ND	12.3	--	U

new 9/11/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-09D
Client ID : SS-5
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930116
Sample Amount : 30.0 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:54
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:42
Dilution Factor : 8.333
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	1.67	--	ND	6.76	--	U
110-54-3	n-Hexane	ND	1.67	--	ND	5.89	--	U
71-55-6	1,1,1-Trichloroethane	441	1.67	--	2410	9.11	--	
71-43-2	Benzene	ND	1.67	--	ND	5.34	--	U
56-23-5	Carbon tetrachloride	ND	1.67	--	ND	10.5	--	U
110-82-7	Cyclohexane	ND	1.67	--	ND	5.75	--	U
78-87-5	1,2-Dichloropropane	ND	1.67	--	ND	7.72	--	U
75-27-4	Bromodichloromethane	ND	1.67	--	ND	11.2	--	U
123-91-1	1,4-Dioxane	ND	1.67	--	ND	6.02	--	U
79-01-6	Trichloroethene	17.4	1.67	--	93.5	8.97	--	
540-84-1	2,2,4-Trimethylpentane	ND	1.67	--	ND	7.80	--	U
142-82-5	Heptane	ND	1.67	--	ND	6.84	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--	U
108-10-1	4-Methyl-2-pentanone	ND	4.17	--	ND	17.1	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.67	--	ND	7.58	--	U
79-00-5	1,1,2-Trichloroethane	2.12	1.67	--	11.6	9.11	--	
108-88-3	Toluene	8.73	1.67	--	32.9	6.29	--	
591-78-6	2-Hexanone	ND	1.67	--	ND	6.84	--	U
124-48-1	Dibromochloromethane	ND	1.67	--	ND	14.2	--	U
106-93-4	1,2-Dibromoethane	ND	1.67	--	ND	12.8	--	U
127-18-4	Tetrachloroethene	27.7	1.67	--	188	11.3	--	
108-90-7	Chlorobenzene	ND	1.67	--	ND	7.69	--	U
100-41-4	Ethylbenzene	3.79	1.67	--	16.5	7.25	--	
179601-23-1	p/m-Xylene	17.9	3.33	--	77.7	14.5	--	
75-25-2	Bromoform	ND	1.67	--	ND	17.3	--	U
100-42-5	Styrene	ND	1.67	--	ND	7.11	--	U

m9/1/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-09D
Client ID : SS-5
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930116
Sample Amount : 30.0 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:54
Date Received : 07/23/24
Date Analyzed : 07/27/24 22:42
Dilution Factor : 8.333
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.67	--	ND	11.5	--	U
95-47-6	o-Xylene	7.16	1.67	--	31.1	7.25	--	
622-96-8	4-Ethyltoluene	2.11	1.67	--	10.4	8.21	--	
108-67-8	1,3,5-Trimethylbenzene	2.84	1.67	--	14.0	8.21	--	
95-63-6	1,2,4-Trimethylbenzene	10.4	1.67	--	51.1	8.21	--	
100-44-7	Benzyl chloride	ND	1.67	--	ND	8.65	--	U
541-73-1	1,3-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
106-46-7	1,4-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
95-50-1	1,2-Dichlorobenzene	ND	1.67	--	ND	10.0	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.67	--	ND	12.4	--	U
91-20-3	Naphthalene	ND	1.67	--	ND	8.76	--	U
87-68-3	Hexachlorobutadiene	ND	1.67	--	ND	17.8	--	U

new 9/11/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-10
Client ID : IA-5
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48.TO-15
Lab File ID : R1930113
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:55
Date Received : 07/23/24
Date Analyzed : 07/27/24 20:37
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.548	0.200	--	2.71	0.989	--	
74-87-3	Chloromethane	0.672	0.200	--	1.39	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	42.6	5.00	--	80.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	17.4	1.00	--	41.3	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	6.06	0.500	--	14.9	1.23	--	
75-65-0	Tertiary butyl Alcohol	0.645	0.500	--	1.96	1.52	--	
75-09-2	Methylene chloride	0.710	0.500	--	2.47	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	1.41	0.200	--	4.39	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.346	0.200	--	1.40	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	1.38	0.500	--	4.07	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.32	0.500	--	3.89	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.90	0.200	--	13.7	0.705	--	
71-43-2	Benzene	0.632	0.200	--	2.02	0.639	--	

mw 9/11/24



Results Summary Form 1 Volatile Organics in Air

10

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-10
Client ID : IA-5
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930113
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:55
Date Received : 07/23/24
Date Analyzed : 07/27/24 20:37
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.914	0.200	--	3.15	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	4.34	0.200	--	20.3	0.934	--	
142-82-5	Heptane	0.780	0.200	--	3.20	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.52	0.200	--	17.0	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	2.49	0.200	--	10.8	0.869	--	
179601-23-1	p/m-Xylene	9.48	0.400	--	41.2	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	0.493	0.200	--	2.10	0.852	--	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	2.91	0.200	--	12.6	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.660	0.200	--	3.24	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

rw 9/1/24



Results Summary Form 1 Volatile Organics in Air

10

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-10
Client ID : IA-5
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930113
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:55
Date Received : 07/23/24
Date Analyzed : 07/27/24 20:37
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.259	0.200	--	1.36	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

new 9/11/24



Results Summary Form 1 Volatile Organics in Air

11

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-11
Client ID : OA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930109
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:48
Date Received : 07/23/24
Date Analyzed : 07/27/24 17:52
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.539	0.200	--	2.67	0.989	--	
74-87-3	Chloromethane	0.572	0.200	--	1.18	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	3.26	1.00	--	7.74	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	0.632	0.500	--	1.55	1.23	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	0.715	0.500	--	2.48	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

new 9/1/24



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-11
Client ID : OA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930109
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:48
Date Received : 07/23/24
Date Analyzed : 07/27/24 17:52
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.371	0.200	--	1.40	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

new 9/1/24



Results Summary Form 1 Volatile Organics in Air

11

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-11
Client ID : OA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930109
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:48
Date Received : 07/23/24
Date Analyzed : 07/27/24 17:52
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	Results	ppbV		Results	ug/m3		Qualifier
			RL	MDL		RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.200	--	ND	1.05	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

new 9/11/24



12

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-12
Client ID : OA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930110
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:38
Date Received : 07/23/24
Date Analyzed : 07/27/24 18:33
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	Results	ppbV		Results	ug/m3		Qualifier
			RL	MDL		RL	MDL	
75-71-8	Dichlorodifluoromethane	0.522	0.200	--	2.58	0.989	--	
74-87-3	Chloromethane	0.599	0.200	--	1.24	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	3.69	1.00	--	8.77	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	0.587	0.500	--	1.44	1.23	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	0.613	0.500	--	2.13	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

ms 9/1/24



Results Summary Form 1 Volatile Organics in Air

12

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-12
Client ID : OA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930110
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:38
Date Received : 07/23/24
Date Analyzed : 07/27/24 18:33
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.291	0.200	--	1.10	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

07/29/24



Results Summary Form 1 Volatile Organics in Air

12

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-12
Client ID : OA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1930110
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:38
Date Received : 07/23/24
Date Analyzed : 07/27/24 18:33
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.200	--	ND	1.05	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

AW 9/11/24



Results Summary Form 1 Volatile Organics in Air

13

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-13
Client ID : FD01
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930117
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/27/24 23:24
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.550	0.200	--	2.72	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	53.7	5.00	--	101	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.06	1.00	--	14.4	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	1.97	0.500	--	4.84	1.23	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	5.62	0.500	--	17.0	1.52	--	
75-09-2	Methylene chloride	0.504	0.500	--	1.75	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.411	0.200	--	1.28	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	3.12	0.500	--	9.20	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.03	0.500	--	3.04	1.47	--	

new 9/11/24



Results Summary Form 1 Volatile Organics in Air

13

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-13
Client ID : FD01
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930117
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/27/24 23:24
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.965	0.200	--	3.40	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.341	0.200	--	1.09	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.671	0.200	--	2.31	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	0.714	0.200	--	3.33	0.934	--	
142-82-5	Heptane	0.457	0.200	--	1.87	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	16.0	0.200	--	60.3	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.966	0.200	--	6.55	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	3.16	0.200	--	13.7	0.869	--	
179601-23-1	p/m-Xylene	12.4	0.400	--	53.9	1.74	--	
75-25-2	Bromofom	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

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Results Summary Form 1 Volatile Organics in Air

13

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-13
Client ID : FD01
Sample Location : OSSINING, NY
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R1930117
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:22
Date Received : 07/23/24
Date Analyzed : 07/27/24 23:24
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	4.37	0.200	--	19.0	0.869	--	
622-96-8	4-Ethyltoluene	1.09	0.200	--	5.36	0.983	--	
108-67-8	1,3,5-Trimethylbenzene	1.42	0.200	--	6.98	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	5.64	0.200	--	27.7	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	0.223	0.200	--	1.17	1.05	--	
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

rev 9/1/24



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Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL SITE
 Lab ID : L2441714-02
 Client ID : IA-1
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R225860_EV2
 Sample Amount : 250 ml

Lab Number : L2441714
 Project Number : 21.1622
 Date Collected : 07/22/24 19:54
 Date Received : 07/23/24
 Date Analyzed : 07/26/24 21:54
 Dilution Factor : 1
 Analyst : JMB
 Instrument ID : AIRLAB22
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.060	0.020	--	0.238	0.079	--	
156-59-2	cis-1,2-Dichloroethene	0.324	0.020	--	1.28	0.079	--	
71-55-6	1,1,1-Trichloroethane	0.255	0.020	--	1.39	0.109	--	
56-23-5	Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--	
79-01-6	Trichloroethene	0.222	0.020	--	1.19	0.107	--	
127-18-4	Tetrachloroethene	0.056	0.020	--	0.380	0.136	--	

nw 9/1/24



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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-04
Client ID : IA-2
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R225850_EV2
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:06
Date Received : 07/23/24
Date Analyzed : 07/26/24 16:25
Dilution Factor : 1
Analyst : JMB
Instrument ID : AIRLAB22
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.057	0.020	--	0.226	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.236	0.020	--	1.29	0.109	--	
56-23-5	Carbon tetrachloride	0.081	0.020	--	0.510	0.126	--	
79-01-6	Trichloroethene	0.107	0.020	--	0.575	0.107	--	
127-18-4	Tetrachloroethene	0.053	0.020	--	0.359	0.136	--	

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-06
Client ID : IA-3
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R1930111_EV2
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:28
Date Received : 07/23/24
Date Analyzed : 07/27/24 19:15
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.060	0.020	--	0.238	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.256	0.020	--	1.40	0.109	--	
56-23-5	Carbon tetrachloride	0.087	0.020	--	0.547	0.126	--	
79-01-6	Trichloroethene	0.082	0.020	--	0.441	0.107	--	
127-18-4	Tetrachloroethene	0.066	0.020	--	0.448	0.136	--	

nr 9/1/24



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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL SITE
 Lab ID : L2441714-08
 Client ID : IA-4
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1930112_EV2
 Sample Amount : 250 ml

Lab Number : L2441714
 Project Number : 21.1622
 Date Collected : 07/22/24 17:40
 Date Received : 07/23/24
 Date Analyzed : 07/27/24 19:56
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB19
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.055	0.020	--	0.218	0.079	--	
156-59-2	cis-1,2-Dichloroethene	0.022	0.020	--	0.087	0.079	--	
71-55-6	1,1,1-Trichloroethane	0.204	0.020	--	1.11	0.109	--	
56-23-5	Carbon tetrachloride	0.102	0.020	--	0.642	0.126	--	
79-01-6	Trichloroethene	0.084	0.020	--	0.451	0.107	--	
127-18-4	Tetrachloroethene	0.084	0.020	--	0.570	0.136	--	

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-10
Client ID : IA-5
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R1930113_EV2
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 18:55
Date Received : 07/23/24
Date Analyzed : 07/27/24 20:37
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.066	0.020	--	0.262	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.345	0.020	--	1.88	0.109	--	
56-23-5	Carbon tetrachloride	0.088	0.020	--	0.554	0.126	--	
79-01-6	Trichloroethene	0.080	0.020	--	0.430	0.107	--	
127-18-4	Tetrachloroethene	0.057	0.020	--	0.387	0.136	--	

ms 9/1/24



Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL SITE
Lab ID : L2441714-11
Client ID : OA-1
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R1930109_EV2
Sample Amount : 250 ml

Lab Number : L2441714
Project Number : 21.1622
Date Collected : 07/22/24 19:48
Date Received : 07/23/24
Date Analyzed : 07/27/24 17:52
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB19
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.035	0.020	--	0.237	0.136	--	

mw 9/1/24



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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL SITE
 Lab ID : L2441714-12
 Client ID : OA-2
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1930110_EV2
 Sample Amount : 250 ml

Lab Number : L2441714
 Project Number : 21.1622
 Date Collected : 07/22/24 19:38
 Date Received : 07/23/24
 Date Analyzed : 07/27/24 18:33
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB19
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.084	0.020	--	0.458	0.109	--	
56-23-5	Carbon tetrachloride	0.090	0.020	--	0.566	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.021	0.020	--	0.142	0.136	--	

nw 9/1/24



**DATA USABILITY SUMMARY REPORT
WIRE MILL, OSSINING, NEW YORK**

Client: C.T. Male Associates, Latham, New York
SDG: L2474168
Laboratory: Alpha Analytical, Westborough, Massachusetts
Site: Wire Mill, Ossining, New York
Date: December 28, 2024

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	IA-1-20241216	L2474168-01	Air
2	IA-2-20241216	L2474168-02	Air
3	IA-3-20241216	L2474168-03	Air
4	IA-4-20241216	L2474168-04	Air
5	IA-5-20241216	L2474168-05	Air
6	OA-1-20241216	L2474168-06	Air
7	OA-2-20241216	L2474168-07	Air

A Data Usability Summary Review was performed on the analytical data for seven air samples collected on December 16, 2024 by CT Male at the Wire Mill site in Ossining, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis

VOCs
VOCs

Method References

USEPA Method TO-15
USEPA Method TO-15-SIM

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW 31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks

- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method and Field Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- The following table presents compounds that exceeded percent relative standard deviation (%RSD) and/or average RRF criteria in the initial calibration (ICAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %RSD may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
12/21/24	Benzyl Chloride	33.2%	UJ	All Samples

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Volatile Organic Compounds by SIM (VOC-SIM)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- All relative standard deviation (%RSD), %R and/or coefficient of determination criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed:

Nancy Weaver

Dated: 12/29/24

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-01
Client ID : IA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745979
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 14:37
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:21
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.552	0.200	0.076	2.73	0.989	0.374	
74-87-3	Chloromethane	0.558	0.200	0.058	1.15	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	39.9	5.00	1.74	75.2	9.42	3.28	
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	36.2	1.00	0.515	86.0	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.239	0.200	0.079	1.34	1.12	0.442	
67-63-0	Isopropanol	9.60	1.00	0.272	23.6	2.46	0.669	
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.479	0.500	0.125	1.66	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	0.079	0.200	0.047	0.246	0.623	0.145	J
76-13-1	Freon-113	0.078	0.200	0.051	0.598	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	0.157	0.200	0.057	0.635	0.809	0.230	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	0.741	0.500	0.099	2.19	1.47	0.292	
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	2.01	0.500	0.117	5.93	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	8.75	0.200	0.074	30.8	0.705	0.262	
71-43-2	Benzene	0.398	0.200	0.064	1.27	0.639	0.205	

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-01
Client ID : IA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745979
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 14:37
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:21
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.480	0.200	0.073	1.65	0.688	0.251	
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	1.10	0.200	0.069	5.14	0.934	0.323	
142-82-5	Heptane	0.432	0.200	0.083	1.77	0.820	0.339	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	0.435	0.500	0.190	1.78	2.05	0.779	J
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	3.72	0.200	0.087	14.0	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	1.05	0.200	0.058	4.56	0.869	0.250	
179601-23-1	p/m-Xylene	4.29	0.400	0.125	18.6	1.74	0.543	
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	0.080	0.200	0.060	0.341	0.852	0.254	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	1.04	0.200	0.062	4.52	0.869	0.270	
622-96-8	4-Ethyltoluene	0.077	0.200	0.055	0.379	0.983	0.272	J
108-67-8	1,3,5-Trimethylbenzene	0.083	0.200	0.060	0.408	0.983	0.295	J
95-63-6	1,2,4-Trimethylbenzene	0.292	0.200	0.058	1.44	0.983	0.284	
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	✗ 4J
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U

NW12128124



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-01
Client ID : IA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745979
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 14:37
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:21
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

new 12/28/24



Results Summary Form 1 Volatile Organics in Air

2

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-02
Client ID : IA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745980
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:29
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:59
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.529	0.200	0.076	2.62	0.989	0.374	
74-87-3	Chloromethane	0.562	0.200	0.058	1.16	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	39.2	5.00	1.74	73.9	9.42	3.28	
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	53.0	1.00	0.515	126	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.239	0.200	0.079	1.34	1.12	0.442	
67-63-0	Isopropanol	11.7	1.00	0.272	28.8	2.46	0.669	
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.317	0.500	0.125	1.10	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	0.110	0.200	0.047	0.343	0.623	0.145	J
76-13-1	Freon-113	0.076	0.200	0.051	0.583	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	0.267	0.200	0.057	1.08	0.809	0.230	
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	0.935	0.500	0.099	2.76	1.47	0.292	
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	2.60	0.500	0.117	7.67	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	5.73	0.200	0.074	20.2	0.705	0.262	
71-43-2	Benzene	0.406	0.200	0.064	1.30	0.639	0.205	

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Results Summary Form 1 Volatile Organics in Air

2

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-02
Client ID : IA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745980
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:29
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:59
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.337	0.200	0.073	1.16	0.688	0.251	
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	2.23	0.200	0.069	10.4	0.934	0.323	
142-82-5	Heptane	0.511	0.200	0.083	2.09	0.820	0.339	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	0.436	0.500	0.190	1.79	2.05	0.779	J
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	3.47	0.200	0.087	13.1	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	1.38	0.200	0.058	5.99	0.869	0.250	
179601-23-1	p/m-Xylene	5.64	0.400	0.125	24.5	1.74	0.543	
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	0.097	0.200	0.060	0.413	0.852	0.254	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	1.33	0.200	0.062	5.78	0.869	0.270	
622-96-8	4-Ethyltoluene	0.092	0.200	0.055	0.452	0.983	0.272	J
108-67-8	1,3,5-Trimethylbenzene	0.093	0.200	0.060	0.457	0.983	0.295	J
95-63-6	1,2,4-Trimethylbenzene	0.334	0.200	0.058	1.64	0.983	0.284	
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	U u
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U

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Results Summary Form 1 Volatile Organics in Air

2

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-02
Client ID : IA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745980
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:29
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:59
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

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3

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-03
Client ID : IA-3-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745981
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:27
Date Received : 12/17/24
Date Analyzed : 12/23/24 02:37
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.538	0.200	0.076	2.66	0.989	0.374	
74-87-3	Chloromethane	0.575	0.200	0.058	1.19	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	45.5	5.00	1.74	85.7	9.42	3.28	
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	42.0	1.00	0.515	99.8	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.241	0.200	0.079	1.35	1.12	0.442	
67-63-0	Isopropanol	10.4	1.00	0.272	25.6	2.46	0.669	
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.709	0.500	0.125	2.46	1.74	0.434	
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	0.084	0.200	0.047	0.262	0.623	0.145	J
76-13-1	Freon-113	0.079	0.200	0.051	0.606	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	0.163	0.200	0.057	0.660	0.809	0.230	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	0.772	0.500	0.099	2.28	1.47	0.292	
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	2.29	0.500	0.117	6.75	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	11.3	0.200	0.074	39.8	0.705	0.262	
71-43-2	Benzene	0.408	0.200	0.064	1.30	0.639	0.205	

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3

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-03
Client ID : IA-3-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745981
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:27
Date Received : 12/17/24
Date Analyzed : 12/23/24 02:37
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.584	0.200	0.073	2.01	0.688	0.251	
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	0.071	0.200	0.069	0.476	1.34	0.462	J
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	1.19	0.200	0.069	5.56	0.934	0.323	
142-82-5	Heptane	0.480	0.200	0.083	1.97	0.820	0.339	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	0.479	0.500	0.190	1.96	2.05	0.779	J
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	4.44	0.200	0.087	16.7	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	1.11	0.200	0.058	4.82	0.869	0.250	
179601-23-1	p/m-Xylene	4.50	0.400	0.125	19.5	1.74	0.543	
75-25-2	Bromofom	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	0.080	0.200	0.060	0.341	0.852	0.254	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	1.09	0.200	0.062	4.73	0.869	0.270	
622-96-8	4-Ethyltoluene	0.091	0.200	0.055	0.447	0.983	0.272	J
108-67-8	1,3,5-Trimethylbenzene	0.086	0.200	0.060	0.423	0.983	0.295	J
95-63-6	1,2,4-Trimethylbenzene	0.282	0.200	0.058	1.39	0.983	0.284	
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	Y U J
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U

MW, 12/28/24



Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-03
 Client ID : IA-3-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R1745981
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:27
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 02:37
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

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4

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-04
Client ID : IA-4-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48, TO-15
Lab File ID : R1745982
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:13
Date Received : 12/17/24
Date Analyzed : 12/23/24 03:14
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.527	0.200	0.076	2.61	0.989	0.374	
74-87-3	Chloromethane	0.580	0.200	0.058	1.20	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	128	5.00	1.74	241	9.42	3.28	
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	35.2	1.00	0.515	83.6	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.230	0.200	0.079	1.29	1.12	0.442	
67-63-0	Isopropanol	11.4	1.00	0.272	28.0	2.46	0.669	
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.344	0.500	0.125	1.20	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	0.067	0.200	0.047	0.209	0.623	0.145	J
76-13-1	Freon-113	0.076	0.200	0.051	0.583	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	0.111	0.200	0.057	0.449	0.809	0.230	J
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	1.18	0.500	0.099	3.48	1.47	0.292	
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	0.201	0.200	0.055	0.982	0.977	0.270	
109-99-9	Tetrahydrofuran	1.63	0.500	0.117	4.81	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	4.54	0.200	0.074	16.0	0.705	0.262	
71-43-2	Benzene	0.385	0.200	0.064	1.23	0.639	0.205	

new 12/28/24



4

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-04
Client ID : IA-4-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745982
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:13
Date Received : 12/17/24
Date Analyzed : 12/23/24 03:14
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.293	0.200	0.073	1.01	0.688	0.251	
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	0.830	0.200	0.069	3.88	0.934	0.323	
142-82-5	Heptane	0.784	0.200	0.083	3.21	0.820	0.339	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	0.314	0.500	0.190	1.29	2.05	0.779	J
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	2.57	0.200	0.087	9.69	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	0.804	0.200	0.058	3.49	0.869	0.250	
179601-23-1	p/m-Xylene	3.23	0.400	0.125	14.0	1.74	0.543	
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	0.140	0.200	0.060	0.596	0.852	0.254	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	0.804	0.200	0.062	3.49	0.869	0.270	
622-96-8	4-Ethyltoluene	0.060	0.200	0.055	0.295	0.983	0.272	J
108-67-8	1,3,5-Trimethylbenzene	0.066	0.200	0.060	0.324	0.983	0.295	J
95-63-6	1,2,4-Trimethylbenzene	0.245	0.200	0.058	1.20	0.983	0.284	
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	✗ UJ
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U

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4

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-04
 Client ID : IA-4-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R1745982
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:13
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 03:14
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-05
Client ID : IA-5-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745983
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:32
Date Received : 12/17/24
Date Analyzed : 12/23/24 03:52
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.552	0.200	0.076	2.73	0.989	0.374	
74-87-3	Chloromethane	0.577	0.200	0.058	1.19	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	39.1	5.00	1.74	73.7	9.42	3.28	
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	64.2	1.00	0.515	153	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.251	0.200	0.079	1.41	1.12	0.442	
67-63-0	Isopropanol	15.4	1.00	0.272	37.9	2.46	0.669	
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.313	0.500	0.125	1.09	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	0.096	0.200	0.047	0.299	0.623	0.145	J
76-13-1	Freon-113	0.078	0.200	0.051	0.598	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	0.398	0.200	0.057	1.61	0.809	0.230	
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	1.28	0.500	0.099	3.78	1.47	0.292	
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	2.44	0.500	0.117	7.20	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	7.90	0.200	0.074	27.8	0.705	0.262	
71-43-2	Benzene	0.417	0.200	0.064	1.33	0.639	0.205	

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-05
Client ID : IA-5-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745983
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:32
Date Received : 12/17/24
Date Analyzed : 12/23/24 03:52
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	0.351	0.200	0.073	1.21	0.688	0.251	
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	1.62	0.200	0.069	7.57	0.934	0.323	
142-82-5	Heptane	0.535	0.200	0.083	2.19	0.820	0.339	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	0.560	0.500	0.190	2.29	2.05	0.779	
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	4.24	0.200	0.087	16.0	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	1.63	0.200	0.058	7.08	0.869	0.250	
179601-23-1	p/m-Xylene	6.57	0.400	0.125	28.5	1.74	0.543	
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	0.114	0.200	0.060	0.485	0.852	0.254	J
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	1.56	0.200	0.062	6.78	0.869	0.270	
622-96-8	4-Ethyltoluene	0.094	0.200	0.055	0.462	0.983	0.272	J
108-67-8	1,3,5-Trimethylbenzene	0.095	0.200	0.060	0.467	0.983	0.295	J
95-63-6	1,2,4-Trimethylbenzene	0.347	0.200	0.058	1.71	0.983	0.284	
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	Y U J
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U

New 12/28/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-05
Client ID : IA-5-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745983
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:32
Date Received : 12/17/24
Date Analyzed : 12/23/24 03:52
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

rw 12/28/24



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-06
Client ID : OA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745973
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:20
Date Received : 12/17/24
Date Analyzed : 12/22/24 21:32
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.488	0.200	0.076	2.41	0.989	0.374	
74-87-3	Chloromethane	0.466	0.200	0.058	0.962	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	2.18	5.00	1.74	4.11	9.42	3.28	J
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	1.35	1.00	0.515	3.21	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.211	0.200	0.079	1.19	1.12	0.442	
67-63-0	Isopropanol	0.348	1.00	0.272	0.855	2.46	0.669	J
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.141	0.500	0.125	0.490	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145	U
76-13-1	Freon-113	0.067	0.200	0.051	0.514	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	0.157	0.500	0.099	0.463	1.47	0.292	J
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	0.587	0.500	0.117	1.73	1.47	0.345	
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	0.201	0.200	0.074	0.708	0.705	0.262	
71-43-2	Benzene	0.261	0.200	0.064	0.834	0.639	0.205	

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-06
Client ID : OA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745973
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:20
Date Received : 12/17/24
Date Analyzed : 12/22/24 21:32
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	0.073	ND	0.688	0.251	U
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	0.195	0.200	0.069	0.911	0.934	0.323	J
142-82-5	Heptane	ND	0.200	0.083	ND	0.820	0.339	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	0.349	0.200	0.087	1.32	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250	U
179601-23-1	p/m-Xylene	0.163	0.400	0.125	0.708	1.74	0.543	J
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	ND	0.200	0.060	ND	0.852	0.254	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	0.066	0.200	0.062	0.287	0.869	0.270	J
622-96-8	4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295	U
95-63-6	1,2,4-Trimethylbenzene	0.067	0.200	0.058	0.329	0.983	0.284	J
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U



new 12/28/24

Results Summary Form 1 Volatile Organics in Air

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Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-06
Client ID : OA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745973
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:20
Date Received : 12/17/24
Date Analyzed : 12/22/24 21:32
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-07
Client ID : OA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745974
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:21
Date Received : 12/17/24
Date Analyzed : 12/22/24 22:09
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.495	0.200	0.076	2.45	0.989	0.374	
74-87-3	Chloromethane	0.480	0.200	0.058	0.991	0.413	0.119	
76-14-2	Freon-114	ND	0.200	0.050	ND	1.40	0.352	U
106-99-0	1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137	U
74-83-9	Bromomethane	ND	0.200	0.055	ND	0.777	0.212	U
75-00-3	Chloroethane	ND	0.200	0.065	ND	0.528	0.171	U
64-17-5	Ethanol	2.58	5.00	1.74	4.86	9.42	3.28	J
593-60-2	Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316	U
67-64-1	Acetone	1.15	1.00	0.515	2.73	2.38	1.22	
75-69-4	Trichlorofluoromethane	0.206	0.200	0.079	1.16	1.12	0.442	
67-63-0	Isopropanol	0.681	1.00	0.272	1.67	2.46	0.669	J
75-65-0	Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400	U
75-09-2	Methylene chloride	0.156	0.500	0.125	0.542	1.74	0.434	J
107-05-1	3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269	U
75-15-0	Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145	U
76-13-1	Freon-113	0.073	0.200	0.051	0.560	1.53	0.388	J
156-60-5	trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299	U
75-34-3	1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230	U
1634-04-4	Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162	U
78-93-3	2-Butanone	0.179	0.500	0.099	0.528	1.47	0.292	J
141-78-6	Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07	U
67-66-3	Chloroform	ND	0.200	0.055	ND	0.977	0.270	U
109-99-9	Tetrahydrofuran	0.261	0.500	0.117	0.770	1.47	0.345	J
107-06-2	1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319	U
110-54-3	n-Hexane	0.192	0.200	0.074	0.677	0.705	0.262	J
71-43-2	Benzene	0.291	0.200	0.064	0.930	0.639	0.205	

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Results Summary Form 1 Volatile Organics in Air

7

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-07
Client ID : OA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745974
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:21
Date Received : 12/17/24
Date Analyzed : 12/22/24 22:09
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	0.073	ND	0.688	0.251	U
78-87-5	1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292	U
75-27-4	Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462	U
123-91-1	1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194	U
540-84-1	2,2,4-Trimethylpentane	0.160	0.200	0.069	0.747	0.934	0.323	J
142-82-5	Heptane	ND	0.200	0.083	ND	0.820	0.339	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318	U
108-88-3	Toluene	0.384	0.200	0.087	1.45	0.754	0.327	
591-78-6	2-Hexanone	ND	0.200	0.091	ND	0.820	0.374	U
124-48-1	Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482	U
106-93-4	1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418	U
108-90-7	Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238	U
100-41-4	Ethylbenzene	0.059	0.200	0.058	0.256	0.869	0.250	J
179601-23-1	p/m-Xylene	0.189	0.400	0.125	0.821	1.74	0.543	J
75-25-2	Bromoform	ND	0.200	0.060	ND	2.07	0.616	U
100-42-5	Styrene	ND	0.200	0.060	ND	0.852	0.254	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357	U
95-47-6	o-Xylene	0.081	0.200	0.062	0.352	0.869	0.270	J
622-96-8	4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295	U
95-63-6	1,2,4-Trimethylbenzene	0.079	0.200	0.058	0.388	0.983	0.284	J
100-44-7	Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467	U



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Results Summary Form 1 Volatile Organics in Air

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Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-07
Client ID : OA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R1745974
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:21
Date Received : 12/17/24
Date Analyzed : 12/22/24 22:09
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742	U
91-20-3	Naphthalene	ND	0.200	0.078	ND	1.05	0.409	U
87-68-3	Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647	U

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-01
Client ID : IA-1-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R1745979_EV2
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 14:37
Date Received : 12/17/24
Date Analyzed : 12/23/24 01:21
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.030	0.020	--	0.119	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.124	0.020	--	0.677	0.109	--	
56-23-5	Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--	
79-01-6	Trichloroethene	3.41	0.020	--	18.3	0.107	--	
127-18-4	Tetrachloroethene	0.178	0.020	--	1.21	0.136	--	

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Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-02
 Client ID : IA-2-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1745980_EV2
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:29
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 01:59
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.048	0.020	--	0.190	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.193	0.020	--	1.05	0.109	--	
56-23-5	Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--	
79-01-6	Trichloroethene	1.77	0.020	--	9.51	0.107	--	
127-18-4	Tetrachloroethene	0.155	0.020	--	1.05	0.136	--	

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Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-03
 Client ID : IA-3-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1745981_EV2
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:27
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 02:37
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.034	0.020	--	0.135	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.131	0.020	--	0.715	0.109	--	
56-23-5	Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--	
79-01-6	Trichloroethene	5.85	0.020	--	31.4	0.107	--	
127-18-4	Tetrachloroethene	0.170	0.020	--	1.15	0.136	--	

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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-04
 Client ID : IA-4-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1745982_EV2
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:13
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 03:14
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.022	0.020	--	0.087	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.085	0.020	--	0.464	0.109	--	
56-23-5	Carbon tetrachloride	0.085	0.020	--	0.535	0.126	--	
79-01-6	Trichloroethene	1.74	0.020	--	9.35	0.107	--	
127-18-4	Tetrachloroethene	0.122	0.020	--	0.827	0.136	--	

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Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-05
 Client ID : IA-5-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1745983_EV2
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:32
 Date Received : 12/17/24
 Date Analyzed : 12/23/24 03:52
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	0.072	0.020	--	0.285	0.079	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.301	0.020	--	1.64	0.109	--	
56-23-5	Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--	
79-01-6	Trichloroethene	1.93	0.020	--	10.4	0.107	--	
127-18-4	Tetrachloroethene	0.180	0.020	--	1.22	0.136	--	

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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2474168-06
 Client ID : OA-1-20241216
 Sample Location : OSSINING, NY
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R1745973_EV2
 Sample Amount : 250 ml

Lab Number : L2474168
 Project Number : 21.1622
 Date Collected : 12/16/24 15:20
 Date Received : 12/17/24
 Date Analyzed : 12/22/24 21:32
 Dilution Factor : 1
 Analyst : KJD
 Instrument ID : AIRLAB17
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.237	0.020	--	1.61	0.136	--	

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2474168-07
Client ID : OA-2-20241216
Sample Location : OSSINING, NY
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R1745974_EV2
Sample Amount : 250 ml

Lab Number : L2474168
Project Number : 21.1622
Date Collected : 12/16/24 15:21
Date Received : 12/17/24
Date Analyzed : 12/22/24 22:09
Dilution Factor : 1
Analyst : KJD
Instrument ID : AIRLAB17
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	0.285	0.020	--	1.93	0.136	--	

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**DATA USABILITY SUMMARY REPORT
WIRE MILL, OSSINING, NEW YORK**

Client: C.T. Male Associates, Latham, New York
SDG: L2513523
Laboratory: Alpha Analytical, Westborough, Massachusetts
Site: Wire Mill, Ossining, New York
Date: May 17, 2025

EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	SS-1_250307	L2513523-01	Air
2*	IA-1_250307	L2513523-02	Air
3	SS-2_250307	L2513523-03	Air
4*	IA-2_250307	L2513523-04	Air
5	SS-3_250307	L2513523-05	Air
6*	IA-3_250307	L2513523-06	Air
7	SS-4_250307	L2513523-07	Air
8*	IS-4_250307	L2513523-08	Air
9	SS-5_250307	L2513523-09	Air
10*	IA-5_250307	L2513523-10	Air
11	FD01_250307	L2513523-11	Air
12*	OA1_250307	L2513523-12	Air
13*	OA2_250307	L2513523-13	Air
14	SV1-1_250307	L2513523-14	Air
15	SV1-2_250307	L2513523-15	Air
16	SV1-3_250307	L2513523-16	Air
17	SV1-4_250307	L2513523-17	Air

* - Includes VOC SIM

A Data Usability Summary Review was performed on the analytical data for seventeen air samples collected on March 7, 2025 by CT Male at the Wire Mill site in Ossining, New York. The samples were analyzed under "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition January 1999, EPA/625/R-96/010B", Compendium Method TO-15, "Determination of Volatile Organic Compounds (VOCs) in Air Collected in Specially-Prepared Canisters and Analyzed by Gas Chromatography/Mass Spectrometry (GC/MS)".

Specific method references are as follows:

Analysis

VOCs
VOCs

Method References

USEPA Method TO-15
USEPA Method TO-15-SIM

The data have been validated according to the protocols and quality control (QC) requirements of the analytical methods and the USEPA Region II Data Review Standard Operating Procedures (SOPs) as follows:

- SOP Number HW-31, Revision 6, September 2016: Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15.

The following items/criteria were reviewed for this report:

Organics

- Data Completeness
- Cover letter, Narrative, and Data Reporting Forms
- Canister Certification Blanks
- Canister Certification Pressures Differences
- Chains-of-Custody and Traffic Reports
- Holding Times and sample preservation
- Laboratory Control Sample (LCS) recoveries
- GC/MS Tuning
- Method and Field Blank Contamination
- Initial and Continuing Calibration Summaries
- Compound Quantitation
- Internal Standard (IS) Area Performance
- Field Duplicate Sample Precision

Data Usability Assessment

There were no rejections of data.

The data are acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contamination and actions from other exceedances of QC criteria.

Data Completeness

- The data is a complete Category B data package as defined under the requirements for the NYS Department of Environmental Conservation Analytical Services Protocol.

Volatile Organic Compounds (VOC)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The following table presents LCS percent recoveries (%R) outside the QC limits. A low %R may indicate a potential low bias while a high %R may indicate a potential high bias. For a low %R, positive results are considered estimated and qualified (J) while non-detects are estimated and qualified (UJ). For a high %R, positive results are considered estimated and qualified (J). Results are valid and usable, however possibly biased.

LCS ID	Compound	%R	Qualifier	Affected Samples
WG2046694-3	Dibromochloromethane	140%	None	All Associated ND
	Bromoform	142%	None	
	4-Ethyltoluene	145%	None	
	1,2,4-Trimethylbenzene	131%	None	
	Benzyl Chloride	133%	None	
WG2046947-3	Dibromochloromethane	135%	None	All Associated ND
	Bromoform	135%	None	
	4-Ethyltoluene	136%	None	See CCAL

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- The following table presents compounds that exceeded percent relative standard deviation (%RSD) and/or average RRF criteria in the initial calibration (ICAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %RSD may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

ICAL Date	Compound	%RSD/RRF	Qualifier	Affected Samples
03/14/25	Benzyl Chloride	33.7%	UJ	All Samples

Continuing Calibration

- The following table presents compounds that exceeded percent difference (%D) criteria and/or RRF values <0.05 in the continuing calibration (CCAL). A low RRF indicates poor instrument sensitivity for these compounds. Positive results for these compounds in the affected samples are considered estimated and qualified (J). Non-detect results for these compounds in the affected samples are rejected (R) and are unusable for project objectives. A high %D may indicate a potential high or low bias. All results for these compounds in affected samples are considered estimated and qualified (J/UJ).

CCAL Date	Compound	%D	Qualifier	Affected Samples
03/28/25 (1301)	Naphthalene	41.7%	UJ	1-9
03/29/25 (1154)	Acetone	37.8%	J	10-17
	Dibromochloromethane	34.9%	UJ	
	Bromoform	35.4%	UJ	
	4-Ethyltoluene	36.5%	J/UJ	

Compound Quantitation

- Samples 9 and 17 were analyzed at a 3X dilution due to prior pressurization. The reporting limits were adjusted accordingly. No action was required.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples are summarized below. The precision was acceptable.

Compound	SS-2_250307 ug/m ³	FD01_250307 ug/m ³	RPD	Qualifier
Dichlorodifluoromethane	2.30	2.52	9%	None
Chloromethane	0.880	1.42	47%	
Ethanol	49.6	25.4	65%	None - <5X RL
Acetone	20.1	19.0	6%	None
Trichlorofluoromethane	1.12	1.17	4%	
Isopropanol	72.3	76.2	5%	
Tertiary butyl alcohol	7.91	ND	NC	
n-Hexane	17.6	14.4	20%	
Heptane	2.45	ND	NC	
Tetrachloroethene	1.56	ND	NC	

Volatile Organic Compounds by SIM (VOC-SIM)

Cover letter, Narrative, and Data Reporting Forms

- All criteria were met.

Canister Certification Blanks

- The batch blank checks were non-detect or < RL.

Canister Certification Pressures Differences

- All criteria were met.

Chains-of-Custody and Traffic Reports

- All criteria were met.

Holding Times

- All samples were analyzed within 30 days for air samples.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

GC/MS Tuning

- All criteria were met.

Method Blank

- The method blanks were free of contamination.

Field Blank

- Field QC samples were not collected.

Initial Calibration

- All relative standard deviation (%RSD), %R and/or coefficient of determination criteria were met.

Continuing Calibration

- All percent difference (%D) and RRF criteria were met.

Compound Quantitation

- All criteria were met.

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Field Duplicate Sample Precision

- Field duplicate samples were not analyzed.

Please contact the undersigned at (561) 475-2000 if you have any questions or need further information.

Signed:

Nancy Weaver

Dated: 5/20/25

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
J+	The result is an estimated quantity, but the result may be biased high.
J-	The result is an estimated quantity, but the result may be biased low.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limits is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-01
Client ID : SS-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262537
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:29
Date Received : 03/10/25
Date Analyzed : 03/29/25 03:20
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.534	0.200	--	2.64	0.989	--	
74-87-3	Chloromethane	0.285	0.200	--	0.589	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	24.1	5.00	--	45.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.08	1.00	--	14.4	2.38	--	
75-69-4	Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--	
67-63-0	Isopropanol	3.56	1.00	--	8.75	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	3.17	0.500	--	9.61	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-01
Client ID : SS-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262537
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:29
Date Received : 03/10/25
Date Analyzed : 03/29/25 03:20
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.201	0.200	--	0.708	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Di-bromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.448	0.200	--	3.04	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-01
Client ID : SS-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262537
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:29
Date Received : 03/10/25
Date Analyzed : 03/29/25 03:20
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	✗ US
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	✗ US
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-02
 Client ID : IA-1_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R262529
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:31
 Date Received : 03/10/25
 Date Analyzed : 03/28/25 22:55
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.495	0.200	--	2.45	0.989	--	
74-87-3	Chloromethane	0.677	0.200	--	1.40	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	6.53	5.00	--	12.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.83	1.00	--	6.72	2.38	--	
75-69-4	Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	1.70	1.00	--	4.18	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-02
Client ID : IA-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262529
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:31
Date Received : 03/10/25
Date Analyzed : 03/28/25 22:55
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-02
Client ID : IA-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262529
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:31
Date Received : 03/10/25
Date Analyzed : 03/28/25 22:55
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	✓ US
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-03
Client ID : SS-2_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262538
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:38
Date Received : 03/10/25
Date Analyzed : 03/29/25 03:52
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.466	0.200	--	2.30	0.989	--	
74-87-3	Chloromethane	0.426	0.200	--	0.880	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	26.3	5.00	--	49.6	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	8.48	1.00	--	20.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.200	0.200	--	1.12	1.12	--	
67-83-0	Isopropanol	29.4	1.00	--	72.3	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	2.61	0.500	--	7.91	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-03
 Client ID : SS-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262538
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:38
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 03:52
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	5.00	0.200	--	17.6	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.597	0.200	--	2.45	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.230	0.200	--	1.56	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-03
 Client ID : SS-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262538
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:38
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 03:52
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	X VS
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	X VS
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

4

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-04
Client ID : IA-2_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262530
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:39
Date Received : 03/10/25
Date Analyzed : 03/28/25 23:28
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.511	0.200	--	2.53	0.989	--	
74-87-3	Chloromethane	0.602	0.200	--	1.24	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.45	1.00	--	5.82	2.38	--	
75-69-4	Trichlorofluoromethane	0.212	0.200	--	1.19	1.12	--	
67-63-0	Isopropanol	1.97	1.00	--	4.84	2.46	--	
75-85-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.271	0.200	--	0.955	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-04
Client ID : IA-2 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262530
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:39
Date Received : 03/10/25
Date Analyzed : 03/28/25 23:28
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-04
Client ID : IA-2 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262530
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:39
Date Received : 03/10/25
Date Analyzed : 03/28/25 23:28
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	~~U~~ VS
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-05
Client ID : SS-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262539
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:18
Date Received : 03/10/25
Date Analyzed : 03/29/25 04:25
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.482	0.200	--	2.38	0.989	--	
74-87-3	Chloromethane	0.797	0.200	--	1.65	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	13.3	5.00	--	25.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	8.43	1.00	--	20.0	2.38	--	
75-69-4	Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--	
67-63-0	Isopropanol	2.58	1.00	--	6.34	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-05
Client ID : SS-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262539
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:18
Date Received : 03/10/25
Date Analyzed : 03/29/25 04:25
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.264	0.200	--	0.930	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	0.269	0.200	--	0.926	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.274	0.200	--	1.86	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-05
Client ID : SS-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262539
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:18
Date Received : 03/10/25
Date Analyzed : 03/29/25 04:25
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	US
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	US
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-06
Client ID : IA-3 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262531
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:17
Date Received : 03/10/25
Date Analyzed : 03/29/25 00:02
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.553	0.200	--	2.73	0.989	--	
74-87-3	Chloromethane	0.605	0.200	--	1.25	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.66	1.00	--	6.32	2.38	--	
75-69-4	Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-06
Client ID : IA-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262531
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:17
Date Received : 03/10/25
Date Analyzed : 03/29/25 00:02
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	YES
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-06
Client ID : IA-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262531
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:17
Date Received : 03/10/25
Date Analyzed : 03/29/25 00:02
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	YUS
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-07
 Client ID : SS-4_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262540
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:03
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 04:58
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.515	0.200	--	2.55	0.989	--	
74-87-3	Chloromethane	0.353	0.200	--	0.729	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	38.8	5.00	--	73.1	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	12.1	1.00	--	28.7	2.38	--	
75-69-4	Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	23.4	1.00	--	57.5	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	4.07	0.500	--	12.3	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.791	0.500	--	2.33	1.47	--	



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-07
Client ID : SS-4_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262540
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:03
Date Received : 03/10/25
Date Analyzed : 03/29/25 04:58
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	4.44	0.200	--	15.6	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.787	0.200	--	3.23	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-07
Client ID : SS-4_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262540
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:03
Date Received : 03/10/25
Date Analyzed : 03/29/25 04:58
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U <i>US</i>
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U <i>US</i>
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-08
Client ID : IA-4 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262533
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:08
Date Received : 03/10/25
Date Analyzed : 03/29/25 01:11
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.488	0.200	--	2.41	0.989	--	
74-87-3	Chloromethane	0.677	0.200	--	1.40	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	13.0	5.00	--	24.5	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	15.2	1.00	--	36.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--	
67-63-0	Isopropanol	3.58	1.00	--	8.80	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.266	0.200	--	0.937	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-08
Client ID : IA-4 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262533
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:08
Date Received : 03/10/25
Date Analyzed : 03/29/25 01:11
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-08
Client ID : IA-4 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262533
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:08
Date Received : 03/10/25
Date Analyzed : 03/29/25 01:11
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	✓ US
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

mt 5/17/15



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-09D
Client ID : SS-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262541
Sample Amount : 82.2 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:45
Date Received : 03/10/25
Date Analyzed : 03/29/25 05:30
Dilution Factor : 3.041
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.608	--	ND	3.01	--	U
74-87-3	Chloromethane	ND	0.608	--	ND	1.26	--	U
76-14-2	Freon-114	ND	0.608	--	ND	4.25	--	U
75-01-4	Vinyl chloride	ND	0.608	--	ND	1.55	--	U
106-99-0	1,3-Butadiene	ND	0.608	--	ND	1.35	--	U
74-83-9	Bromomethane	ND	0.608	--	ND	2.36	--	U
75-00-3	Chloroethane	ND	0.608	--	ND	1.60	--	U
64-17-5	Ethanol	42.7	15.2	--	80.5	28.6	--	
593-60-2	Vinyl bromide	ND	0.608	--	ND	2.66	--	U
67-64-1	Acetone	9.43	3.04	--	22.4	7.22	--	
75-69-4	Trichlorofluoromethane	ND	0.608	--	ND	3.42	--	U
67-63-0	Isopropanol	4.66	3.04	--	11.5	7.47	--	
75-35-4	1,1-Dichloroethene	ND	0.608	--	ND	2.41	--	U
75-65-0	Tertiary butyl Alcohol	3.47	1.52	--	10.5	4.61	--	
75-09-2	Methylene chloride	ND	1.52	--	ND	5.28	--	U
107-05-1	3-Chloropropene	ND	0.608	--	ND	1.90	--	U
75-15-0	Carbon disulfide	ND	0.608	--	ND	1.89	--	U
76-13-1	Freon-113	ND	0.608	--	ND	4.66	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.608	--	ND	2.41	--	U
75-34-3	1,1-Dichloroethane	ND	0.608	--	ND	2.46	--	U
1634-04-4	Methyl tert butyl ether	ND	0.608	--	ND	2.19	--	U
78-93-3	2-Butanone	ND	1.52	--	ND	4.48	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.608	--	ND	2.41	--	U
141-78-6	Ethyl Acetate	ND	1.52	--	ND	5.48	--	U
67-66-3	Chloroform	ND	0.608	--	ND	2.97	--	U
109-99-9	Tetrahydrofuran	ND	1.52	--	ND	4.48	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-09D
Client ID : SS-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262541
Sample Amount : 82.2 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:45
Date Received : 03/10/25
Date Analyzed : 03/29/25 05:30
Dilution Factor : 3.041
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.608	--	ND	2.46	--	U
110-54-3	n-Hexane	ND	0.608	--	ND	2.14	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.608	--	ND	3.32	--	U
71-43-2	Benzene	ND	0.608	--	ND	1.94	--	U
56-23-5	Carbon tetrachloride	ND	0.608	--	ND	3.82	--	U
110-82-7	Cyclohexane	ND	0.608	--	ND	2.09	--	U
78-87-5	1,2-Dichloropropane	ND	0.608	--	ND	2.81	--	U
75-27-4	Bromodichloromethane	ND	0.608	--	ND	4.07	--	U
123-91-1	1,4-Dioxane	ND	0.608	--	ND	2.19	--	U
79-01-6	Trichloroethene	ND	0.608	--	ND	3.27	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.608	--	ND	2.84	--	U
142-82-5	Heptane	ND	0.608	--	ND	2.49	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.608	--	ND	2.76	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.52	--	ND	6.23	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.608	--	ND	2.76	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.608	--	ND	3.32	--	U
108-88-3	Toluene	ND	0.608	--	ND	2.29	--	U
591-78-6	2-Hexanone	ND	0.608	--	ND	2.49	--	U
124-48-1	Dibromochloromethane	ND	0.608	--	ND	5.18	--	U
106-93-4	1,2-Dibromoethane	ND	0.608	--	ND	4.67	--	U
127-18-4	Tetrachloroethene	ND	0.608	--	ND	4.12	--	U
108-90-7	Chlorobenzene	ND	0.608	--	ND	2.80	--	U
100-41-4	Ethylbenzene	ND	0.608	--	ND	2.64	--	U
179601-23-1	p/m-Xylene	ND	1.22	--	ND	5.30	--	U
75-25-2	Bromoform	ND	0.608	--	ND	6.29	--	U
100-42-5	Styrene	ND	0.608	--	ND	2.59	--	U

MT 5/17/25



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-09D
Client ID : SS-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262541
Sample Amount : 82.2 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:45
Date Received : 03/10/25
Date Analyzed : 03/29/25 05:30
Dilution Factor : 3.041
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.608	--	ND	4.18	--	U
95-47-6	o-Xylene	ND	0.608	--	ND	2.64	--	U
622-96-8	4-Ethyltoluene	ND	0.608	--	ND	2.99	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.608	--	ND	2.99	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.608	--	ND	2.99	--	U
100-44-7	Benzyl chloride	ND	0.608	--	ND	3.15	--	✗ US
541-73-1	1,3-Dichlorobenzene	ND	0.608	--	ND	3.66	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.608	--	ND	3.66	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.608	--	ND	3.66	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.608	--	ND	4.51	--	U
91-20-3	Naphthalene	ND	0.578	--	ND	3.03	--	✗ US
87-68-3	Hexachlorobutadiene	ND	0.608	--	ND	6.49	--	U

mt 5/17/15

16

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-10
Client ID : IA-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262561
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:47
Date Received : 03/10/25
Date Analyzed : 03/29/25 23:45
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.510	0.200	--	2.52	0.989	--	
74-87-3	Chloromethane	0.624	0.200	--	1.29	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	6.52	5.00	--	12.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	3.72	1.00	--	8.84	2.38	--	J
75-69-4	Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--	
67-63-0	Isopropanol	17.0	1.00	--	41.8	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	3.21	0.200	--	11.3	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-10
Client ID : IA-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262561
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:47
Date Received : 03/10/25
Date Analyzed : 03/29/25 23:45
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	✓ U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	✓ U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	✓ U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	✓ U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-10
 Client ID : IA-5_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R262561
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:47
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 23:45
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-11
Client ID : FDO1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262562
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 00:00
Date Received : 03/10/25
Date Analyzed : 03/30/25 00:18
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.510	0.200	--	2.52	0.989	--	
74-87-3	Chloromethane	0.686	0.200	--	1.42	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	13.5	5.00	--	25.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	8.00	1.00	--	19.0	2.38	--	J
75-69-4	Trichlorofluoromethane	0.208	0.200	--	1.17	1.12	--	
67-63-0	Isopropanol	31.0	1.00	--	76.2	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-11
Client ID : FDO1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262562
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 00:00
Date Received : 03/10/25
Date Analyzed : 03/30/25 00:18
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	4.09	0.200	--	14.4	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-11
 Client ID : FDO1_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262562
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 00:00
 Date Received : 03/10/25
 Date Analyzed : 03/30/25 00:18
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-12
Client ID : OA-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262552
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:01
Date Received : 03/10/25
Date Analyzed : 03/29/25 18:47
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.633	0.200	--	3.13	0.989	--	
74-87-3	Chloromethane	0.645	0.200	--	1.33	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.42	1.00	--	5.75	2.38	--	J
75-69-4	Trichlorofluoromethane	0.224	0.200	--	1.26	1.12	--	
67-63-0	Isopropanol	7.28	1.00	--	17.9	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.872	0.200	--	3.07	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

mt 5/17/25



12

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-12
Client ID : OA-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262552
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:01
Date Received : 03/10/25
Date Analyzed : 03/29/25 18:47
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	✓US
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	✓US
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	✓US
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	✓US
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

MA 5/17/25



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-12
Client ID : OA-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262552
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:01
Date Received : 03/10/25
Date Analyzed : 03/29/25 18:47
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-13
Client ID : OA-2_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262553
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:59
Date Received : 03/10/25
Date Analyzed : 03/29/25 19:21
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.535	0.200	--	2.65	0.989	--	
74-87-3	Chloromethane	0.639	0.200	--	1.32	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	3.65	1.00	--	8.67	2.38	--	J
75-69-4	Trichlorofluoromethane	0.223	0.200	--	1.25	1.12	--	
67-63-0	Isopropanol	5.21	1.00	--	12.8	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.727	0.500	--	2.14	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.431	0.200	--	1.52	0.705	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U



Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-13
Client ID : OA-2 250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15
Lab File ID : R262553
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:59
Date Received : 03/10/25
Date Analyzed : 03/29/25 19:21
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U ✓ US
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
106-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U ✓ US
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U ✓ US
106-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U ✓ US
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-13
 Client ID : OA-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15
 Lab File ID : R262553
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:59
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 19:21
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-14
Client ID : SV1-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262563
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:06
Date Received : 03/10/25
Date Analyzed : 03/30/25 00:51
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.336	0.200	--	1.66	0.989	--	
74-87-3	Chloromethane	0.405	0.200	--	0.836	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	155	5.00	--	292	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	27.3	1.00	--	64.9	2.38	--	J
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	10.6	1.00	--	26.1	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	4.59	0.500	--	13.9	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.689	0.500	--	2.03	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.755	0.500	--	2.23	1.47	--	



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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-14
Client ID : SV1-1_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262563
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:06
Date Received : 03/10/25
Date Analyzed : 03/30/25 00:51
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.19	0.200	--	4.19	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.326	0.200	--	1.04	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	1.24	0.200	--	5.08	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	4.13	0.200	--	15.6	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U <i>US</i>
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.203	0.200	--	1.38	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.808	0.200	--	3.51	0.869	--	
179601-23-1	p/m-Xylene	1.77	0.400	--	7.69	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U <i>US</i>
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-14
 Client ID : SV1-1_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262563
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 19:06
 Date Received : 03/10/25
 Date Analyzed : 03/30/25 00:51
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.681	0.200	--	2.96	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	✓ US
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	✓ US
541-73-1	1,3-Dichlorobenzene	0.480	0.200	--	2.89	1.20	--	
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-15
Client ID : SV1-2_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262564
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:16
Date Received : 03/10/25
Date Analyzed : 03/30/25 01:23
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.495	0.200	--	2.45	0.989	--	
74-87-3	Chloromethane	0.676	0.200	--	1.40	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	176	5.00	--	332	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	30.1	1.00	--	71.5	2.38	--	J
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	6.79	1.00	--	16.7	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	6.62	0.500	--	20.1	1.52	--	
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.536	0.500	--	1.58	1.47	--	
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.551	0.500	--	1.63	1.47	--	

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-15
 Client ID : SV1-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262564
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 19:16
 Date Received : 03/10/25
 Date Analyzed : 03/30/25 01:23
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	1.03	0.200	--	3.63	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	0.334	0.200	--	1.07	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	1.09	0.200	--	4.47	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.208	0.200	--	0.784	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-15
Client ID : SV1-2_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262564
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:16
Date Received : 03/10/25
Date Analyzed : 03/30/25 01:23
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	X US
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	X US
541-73-1	1,3-Dichlorobenzene	0.303	0.200	--	1.82	1.20	--	
106-48-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

16

Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-16
Client ID : SV1-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262565
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:04
Date Received : 03/10/25
Date Analyzed : 03/30/25 01:57
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	0.522	0.200	--	2.58	0.989	--	
74-87-3	Chloromethane	0.649	0.200	--	1.34	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.70	1.00	--	11.2	2.38	--	J
75-69-4	Trichlorofluoromethane	0.211	0.200	--	1.19	1.12	--	
67-63-0	Isopropanol	1.20	1.00	--	2.95	2.46	--	
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.728	0.200	--	2.27	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-16
Client ID : SV1-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262565
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:04
Date Received : 03/10/25
Date Analyzed : 03/30/25 01:57
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.204	0.200	--	0.719	0.705	--	
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U ✓ US
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.917	0.200	--	3.98	0.869	--	
179601-23-1	p/m-Xylene	1.43	0.400	--	6.21	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U ✓ US
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-16
Client ID : SV1-3_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262565
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:04
Date Received : 03/10/25
Date Analyzed : 03/30/25 01:57
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	1.88	0.200	--	8.17	0.869	--	
622-96-8	4-Ethyltoluene	0.206	0.200	--	1.01	0.983	--	J
108-67-8	1,3,5-Trimethylbenzene	0.212	0.200	--	1.04	0.983	--	
95-63-6	1,2,4-Trimethylbenzene	0.294	0.200	--	1.45	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	X US
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-17D
Client ID : SV1-4_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262566
Sample Amount : 86.4 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:06
Date Received : 03/10/25
Date Analyzed : 03/30/25 02:29
Dilution Factor : 2.892
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-71-8	Dichlorodifluoromethane	ND	0.578	--	ND	2.86	--	U
74-87-3	Chloromethane	ND	0.578	--	ND	1.19	--	U
76-14-2	Freon-114	ND	0.578	--	ND	4.04	--	U
75-01-4	Vinyl chloride	ND	0.578	--	ND	1.48	--	U
106-99-0	1,3-Butadiene	ND	0.578	--	ND	1.28	--	U
74-83-9	Bromomethane	ND	0.578	--	ND	2.24	--	U
75-00-3	Chloroethane	ND	0.578	--	ND	1.53	--	U
64-17-5	Ethanol	61.7	14.5	--	116	27.3	--	
593-60-2	Vinyl bromide	ND	0.578	--	ND	2.53	--	U
67-64-1	Acetone	12.6	2.89	--	29.9	6.87	--	J
75-69-4	Trichlorofluoromethane	ND	0.578	--	ND	3.25	--	U
67-63-0	Isopropanol	ND	2.89	--	ND	7.10	--	U
75-35-4	1,1-Dichloroethene	ND	0.578	--	ND	2.29	--	U
75-65-0	Tertiary butyl Alcohol	1.85	1.45	--	5.61	4.40	--	
75-09-2	Methylene chloride	ND	1.45	--	ND	5.04	--	U
107-05-1	3-Chloropropene	ND	0.578	--	ND	1.81	--	U
75-15-0	Carbon disulfide	ND	0.578	--	ND	1.80	--	U
76-13-1	Freon-113	ND	0.578	--	ND	4.43	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.578	--	ND	2.29	--	U
75-34-3	1,1-Dichloroethane	ND	0.578	--	ND	2.34	--	U
1634-04-4	Methyl tert butyl ether	ND	0.578	--	ND	2.08	--	U
78-93-3	2-Butanone	ND	1.45	--	ND	4.28	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.578	--	ND	2.29	--	U
141-78-6	Ethyl Acetate	ND	1.45	--	ND	5.23	--	U
67-66-3	Chloroform	ND	0.578	--	ND	2.82	--	U
109-99-9	Tetrahydrofuran	ND	1.45	--	ND	4.28	--	U

Results Summary

Form 1

Volatile Organics in Air

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-17D
 Client ID : SV1-4_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : SOIL_VAPOR
 Analytical Method : 48,TO-15
 Lab File ID : R262566
 Sample Amount : 86.4 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 19:06
 Date Received : 03/10/25
 Date Analyzed : 03/30/25 02:29
 Dilution Factor : 2.892
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
107-06-2	1,2-Dichloroethane	ND	0.578	--	ND	2.34	--	U
110-54-3	n-Hexane	ND	0.578	--	ND	2.04	--	U
71-55-6	1,1,1-Trichloroethane	12.4	0.578	--	67.7	3.15	--	
71-43-2	Benzene	ND	0.578	--	ND	1.85	--	U
56-23-5	Carbon tetrachloride	ND	0.578	--	ND	3.64	--	U
110-82-7	Cyclohexane	ND	0.578	--	ND	1.99	--	U
78-87-5	1,2-Dichloropropane	ND	0.578	--	ND	2.67	--	U
75-27-4	Bromodichloromethane	ND	0.578	--	ND	3.87	--	U
123-91-1	1,4-Dioxane	ND	0.578	--	ND	2.08	--	U
79-01-8	Trichloroethene	ND	0.578	--	ND	3.11	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.578	--	ND	2.70	--	U
142-82-5	Heptane	ND	0.578	--	ND	2.37	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.578	--	ND	2.62	--	U
108-10-1	4-Methyl-2-pentanone	ND	1.45	--	ND	5.94	--	U
10061-02-8	trans-1,3-Dichloropropene	ND	0.578	--	ND	2.82	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.578	--	ND	3.15	--	U
108-88-3	Toluene	8.99	0.578	--	33.9	2.18	--	
591-78-6	2-Hexanone	ND	0.578	--	ND	2.37	--	U
124-48-1	Dibromochloromethane	ND	0.578	--	ND	4.92	--	U <i>VS</i>
106-93-4	1,2-Dibromoethane	ND	0.578	--	ND	4.44	--	U
127-18-4	Tetrachloroethene	1.49	0.578	--	10.1	3.92	--	
108-90-7	Chlorobenzene	ND	0.578	--	ND	2.66	--	U
100-41-4	Ethylbenzene	ND	0.578	--	ND	2.51	--	U
179601-23-1	p/m-Xylene	ND	1.16	--	ND	5.04	--	U
75-25-2	Bromoform	ND	0.578	--	ND	5.98	--	U <i>VS</i>
100-42-5	Styrene	ND	0.578	--	ND	2.46	--	U

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Results Summary Form 1 Volatile Organics in Air

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-17D
Client ID : SV1-4_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : SOIL_VAPOR
Analytical Method : 48,TO-15
Lab File ID : R262566
Sample Amount : 86.4 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 19:06
Date Received : 03/10/25
Date Analyzed : 03/30/25 02:29
Dilution Factor : 2.892
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.578	--	ND	3.97	--	U
95-47-6	o-Xylene	ND	0.578	--	ND	2.51	--	U
622-96-8	4-Ethyltoluene	ND	0.578	--	ND	2.84	--	✓ US
108-67-8	1,3,5-Trimethylbenzene	ND	0.578	--	ND	2.84	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.578	--	ND	2.84	--	U
100-44-7	Benzyl chloride	ND	0.578	--	ND	2.99	--	✓ US
541-73-1	1,3-Dichlorobenzene	ND	0.578	--	ND	3.48	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.578	--	ND	3.48	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.578	--	ND	3.48	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.578	--	ND	4.29	--	U
91-20-3	Naphthalene	ND	0.549	--	ND	2.88	--	U
87-68-3	Hexachlorobutadiene	ND	0.578	--	ND	6.17	--	U

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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-02
 Client ID : IA-1_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R262529
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:31
 Date Received : 03/10/25
 Date Analyzed : 03/28/25 22:55
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.047	0.020	--	0.256	0.109	--	
56-23-5	Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

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Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-04
 Client ID : IA-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R262530
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:39
 Date Received : 03/10/25
 Date Analyzed : 03/28/25 23:28
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.059	0.020	--	0.322	0.109	--	
56-23-5	Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

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Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-06
 Client ID : IA-3_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R262531
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:17
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 00:02
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.048	0.020	--	0.262	0.109	--	
56-23-5	Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-08
Client ID : IA-4_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R262533
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:08
Date Received : 03/10/25
Date Analyzed : 03/29/25 01:11
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.043	0.020	--	0.235	0.109	--	
56-23-5	Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

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Results Summary Form 1 Volatile Organics in Air by SIM

Client : C.T. Male Associates
Project Name : WIRE MILL
Lab ID : L2513523-10
Client ID : IA-5_250307
Sample Location : 61 WATER ST. OSSINING, NY 10562
Sample Matrix : AIR
Analytical Method : 48,TO-15-SIM
Lab File ID : R262561
Sample Amount : 250 ml

Lab Number : L2513523
Project Number : 21.1622
Date Collected : 03/07/25 18:47
Date Received : 03/10/25
Date Analyzed : 03/29/25 23:45
Dilution Factor : 1
Analyst : TPH
Instrument ID : AIRLAB26
GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	0.097	0.020	--	0.529	0.109	--	
56-23-5	Carbon tetrachloride	0.073	0.020	--	0.459	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

MT 5/17/25



Results Summary

Form 1

Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-12
 Client ID : OA-1_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R262552
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 19:01
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 18:47
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client : C.T. Male Associates
 Project Name : WIRE MILL
 Lab ID : L2513523-13
 Client ID : OA-2_250307
 Sample Location : 61 WATER ST. OSSINING, NY 10562
 Sample Matrix : AIR
 Analytical Method : 48,TO-15-SIM
 Lab File ID : R262553
 Sample Amount : 250 ml

Lab Number : L2513523
 Project Number : 21.1622
 Date Collected : 03/07/25 18:59
 Date Received : 03/10/25
 Date Analyzed : 03/29/25 19:21
 Dilution Factor : 1
 Analyst : TPH
 Instrument ID : AIRLAB26
 GC Column : RTX-1

CAS NO.	Parameter	ppbV			ug/m3			Qualifier
		Results	RL	MDL	Results	RL	MDL	
75-01-4	Vinyl chloride	ND	0.020	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--	
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U