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TORRANCE PLACE RESIDENTIAL HOMES SOIL VAPOR INTRUSION AND INDOOR AIR SAMPLING INVESTIGATION REPORT

98, 114, and 118 TORRANCE PLACE, GOWANDA, CATTARAUGUS COUNTY, NEW YORK



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1.0 INTRODUCTION

Bergmann conducted a Soil Vapor Intrusion and Indoor Air Sampling investigation (SVI/IA) for three (3) of the five (5) identified residential homes in the New York State Department of Environmental Conservation (NYSDEC), New York State Department of Health (NYSDOH), Dormitory Authority of the State of New York (DASNY), and the New York State Office for People with Developmental Disabilities (OPWDD)-approved *OPWDD Gowanda Day Habilitation Center NYSDEC VCA Site Number V-00462-9 Soil Vapor Intrusion and Indoor Air Quality Sampling Work Plan*, Bergmann, February 2021. The three (3) residences sampled were addressed as 98, 114, and 118 Torrance Place, Gowanda, New York (residential homes). Access was not granted for SVI/IA sampling at 106 Torrance Place and 110 Torrance Place. The SVI/IA was completed as part of off-site investigations associated with the former Gowanda Day Habilitation Center facility at 4 Industrial Place, Gowanda, New York (Site). OPWDD, as the volunteer, entered into a Voluntary Cleanup Agreement (VCA) with NYSDEC to conduct investigations and implement remedial measures in accordance with VCA Site No. V-00463-9, effective August 16, 2001. Bergmann has been working with DASNY and OPWDD since 2005 to provide environmental services associated with on-Site contamination such as operation of a remedial groundwater treatment system, implementation of in-situ chemical oxidation injection events, on-going groundwater monitoring and reporting, subsurface investigations, and discussions and preparation of an alternatives report to achieve Site closure. Previous SVI/IA investigations on residences on Torrance Place were completed in 2005, under the supervision of NYSDEC, that resulted in the installation of sub-slab depressurization systems (SSDs) in the residences to allow for mitigation of Volatile Organic Compounds (VOCs) impacts to sub-slab vapors and indoor air quality, see Attachment 1 – Previous SVI/IA Summary Information. The location of Torrance Place and the sampling locations at these residential homes is shown on Figure 1 – Site Location Map and Figure 2 – Sample Location Plan. The SVI/IA was completed on March 25th and 26th, 2021 during the peak residential home heating season. The residential homes were occupied during the sampling event and are located down-gradient of the former Gowanda Day Habilitation Center facility with respect to groundwater flow direction.

2.0 BACKGROUND

The Gowanda Day Habilitation Site consists of a 5.94-acre parcel located at 4 Industrial Place. The building, previously used by several manufacturing operations, was built in stages between circa 1948 and 1987 and was renovated in 1987-1988. New York State agencies occupied the building since 1982. New York State acquired the parcel in 1989. The building was most recently operated by the OPWDD, which at that time was known as the Western New York Developmental Disabilities Services Office, as a Day Habilitation Center for mental care clients. In April 2001, on-site operations ceased. The nature and extent of contamination at the Gowanda Day Habilitation Center was detailed as part of the 2003 Site Investigation and 2004 Supplemental Site Investigation Reports. Trichloroethene (TCE) was the most commonly detected compound. TCE degradation products *cis*-1,2, Dichloroethene (*Cis*-1,2-DCE), *trans*-1,2-Dichloroethene (*Trans*-1,2-DCE) and Vinyl Chloride (VC) were also detected.

Following Interim Remedial Measure (IRM) system installation, the Groundwater Treatment System (GTS) and the Soil Vapor Extraction System (SVES) were activated on May 10, 2005, recovering 2-5 gallons per minute (gpm) of groundwater. An additional groundwater recovery well, designated G-3, was installed outside the building and adjacent to MW-17 in November 2008. The GTS portion consists of seven (7) groundwater recovery wells (four dual phase recovery wells and three groundwater-only recovery wells), an air compressor, a network of controller-less pneumatic pumps and an air stripper treatment system to process recovered



groundwater. Recovered groundwater was pumped to the equalization tank for settling of the sediment and transferred to the air stripper using a consistent flow rate. Air discharge from the air stripper was routed to the SVE for treatment prior to discharge. Groundwater was discharged to the village of Gowanda Sewage Treatment Plant (STP).

In January 2008, the building was decommissioned. The GTS was winterized with the addition of heat tape and insulation to conveyance lines and the installation of an independently operated suspended heater in the treatment area for the GTS and SVES (former Machine Shop). Quarterly groundwater sampling with Operation and Maintenance of the remediation system has been ongoing since 2002.

During January 2014, the condition of the SVE and GTS was discussed with the NYSDEC representative and it was agreed that these systems would be inactivated to allow for groundwater level recovery during the preparation of an In-Situ Chemical Oxidation (ISCO) Remedial Action Plan (RAP) and implementation of an ISCO treatment. Bergmann submitted an ISCO RAP for groundwater treatment to the NYSDEC to address remaining contamination at the Site in lieu of costly repair of the SVE and GTS. The SVE and GTS equipment will remain on site in the event that re-activation is required in the future. It is noted that the current GTS had reached the end of its effectiveness and remediation capabilities when it was inactivated and will require extensive upgrades and replacement of components if considered for restart. The ISCO was implemented in May 2015 and a second round of injections in September 2015.

3.0 PURPOSE

The purpose of the SVI/IA investigation was to assess current sub-slab vapor and indoor air quality beneath the residential homes located down-gradient from the Site. The addresses of these residential homes where the SVI/IA investigation was intended for are as follows:

- | | |
|---|---|
| • 98 Torrance Place, Gowanda, New York 14070 | (completed SVI/IA sampling and testing) |
| • 106 Torrance Place, Gowanda, New York 14070 | (Access was not granted for sampling) |
| • 110 Torrance Place, Gowanda, New York 14070 | (Access was not granted for sampling) |
| • 114 Torrance Place, Gowanda, New York 14070 | (completed SVI/IA sampling and testing) |
| • 118 Torrance Place, Gowanda, New York 14070 | (completed SVI/IA sampling and testing) |

It is noted that access was not granted to several of the residences during this sampling event, as detailed above. The focus of the study was to evaluate indoor air quality at the above residences with comparison to the VOCs that have historically been detected in the groundwater at the Site. The VOCs have the potential to migrate in the groundwater to the off-site residential homes on Torrance place that adjoin the Site. VOCs in the groundwater have the potential to off-gas into vapors below the residential homes and impact indoor air quality. Nine (9) VOCs are historically detected in groundwater at the Site that are the targeted VOCs for this SVI/IA investigation and include the following:

- Acetone;
- Bromomethane;
- Carbon disulfide;
- cis-1,2-Dichloroethene;
- 1,1-Dichloroethene;
- Tetrachloroethene;
- Trichloroethene;
- trans-1,2-Dichloroethene; and



- Vinyl chloride.

These targeted VOCs are the suspected chemicals of concern for vapor intrusion into residential homes with potential impact to indoor air quality.

The SVI/IA activities include the commencement of a round of indoor air quality and sub-slab air testing. Six (6) indoor air quality and three (3) sub-slab vapor samples were collected from inside the residential homes during March 25th and March 26th in order to assess if Site contaminants are present inside the residences at levels that require continued corrective actions. One (1) sub-slab vapor sample was collected from each residence through the basement concrete floor. Three (3) of the six (6) indoor air quality samples were collected within the basements of the three (3) residences, while the remaining three (3) were collected within the first floor of the three (3) residences, totaling two (2) indoor air quality samples per residence. One (1) outdoor air sample was collected from the up-wind direction at 118 Torrance Place during the round of sampling for background comparison. Additionally, one (1) outdoor air sample was collected as a matrix spike/matrix spike duplicate sample from 118 Torrance Place and one (1) blind duplicate indoor air sample was collected from 118 Torrance Place. The sample names and locations are presented on Figure 2.

Evaluation criteria for sub-slab vapor and residential home indoor air quality sample results includes NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in New York State (October 2006 with 2017 amendment) and the NYSDOH Upper Fence Values from the NYSDOH Fuel Oil Study data are used as initial criteria when evaluating residential indoor air. Bergmann has also applied NYSDOH Soil Vapor Indoor Air Matrix A and B (May 2017) for sample results for solvent related VOCs. The procedures, sample locations, and test methods were completed in accordance with the approved NYSDEC work plan, dated February 2021.

4.0 SUB-SLAB VAPOR AND INDOOR AIR SAMPLE INVESTIGATION METHODS

A total of three (3) sub-slab vapor collection points were installed by Bergmann personnel to assess sub-slab vapor conditions. One (1) sub-slab vapor collection point was drilled through the basement concrete floor of each of the three (3) residential homes listed in Section 2. The approximate locations of these sub-slab vapor collection points are presented on Figure 2.

Sub-slab vapor samples were obtained through the vapor collection points as follows:

- Prior to sampling, the basement floor was inspected for cracks and penetrations to the extent possible. A photoionization detector (PID) calibrated to parts per billion (ppb) was used to screen the indoor air for volatile organic compounds (VOCs) to establish background levels. A floor plan sketch with locations of sumps, floor drains, penetrations, odors and PID readings (ppb) is provided in Appendix 1 – NYSDOH INDOOR AIR QUESTIONNAIRE AND BUILDING INVENTORY.
- Samples were collected using 1-liter stainless steel SUMMA® canisters equipped with low-flow regulators calibrated by Centek Laboratories, LLC of Syracuse, New York (Centek). Canisters were cleaned by Centek prior to sampling.
- A temporary probe consisting of ¼-inch polyethylene tubing was inserted approximately one-inch below the basement floor slab.
- The concrete basement floor surface at the sub-slab vapor collection point was sealed with inert clay provided in a sealed container from Centek.
- A helium test was completed to check for leaks in the sub-slab vapor collection point.



- One (1) to three (3) sample tubing volumes was purged using a purge pump and collected in a Tedlar® bag prior to the beginning of sampling. Flow rate of the purge pump was < 0.2 liters per minute. The calibrated regulator, supplied by Centek, was attached to the SUMMA® canister to commence the sampling. The initial canister vacuum reading was recorded on the laboratory chain of custody at the start of sample collection.
- Photographs of each sample location, set-up and surrounding area were taken, see Photographs section of this report.
- Upon completion of the sampling, the tubing and clay seal were removed and the drilled hole for the sample collection point was plugged with cement to match the concrete floor. A final vacuum reading was recorded on the chain of custody. Canister numbers and regulator numbers used for collection of each sample were also recorded on the chain of custody prior to submission to Centek.

Indoor air samples were obtained in basements and first floor levels as follows:

- Concurrently with the collection of sub-slab samples, three (3) basement indoor air samples and three (3) first floor indoor air samples were collected from the three (3) residences listed in Section 2.0. One (1) blind duplicate first floor indoor air sample was collected from 118 Torrance Place. One (1) outdoor background (ambient air) sample and an outdoor background duplicate/matrix spike duplicate sample was also collected from the up-wind location at 118 Torrance Place, see Figure 2. The sample collection duration was twenty-four (24) hours. Within each of the three (3) residences, one (1) indoor air sample location generally represents regularly occupied areas of the residences on the first floor, and one (1) indoor air sample location was located within the basement near the sub-slab sample vapor collection point.
- The outdoor background sample was collected to characterize site-specific background outdoor air up-wind conditions within the general vicinity of the residences along Torrance Place. One (1) matrix spike/matrix spike duplicate represents a quality control sample of the outdoor air, and one (1) blind duplicate sample was collected as a quality control indoor air sample during the sampling event. Each sample was collected in a certified clean SUMMA® canister.
- All vapor samples were collected in accordance with the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006 and as amended 2017).

For preparation of the SUMMA® canister and collection of each sample, the following general procedures were followed:

- To ensure the integrity of each sampling canister (SUMMA® canister), a vacuum check was performed on the system prior to purging and collecting the sample. The vacuum reading was recorded on the laboratory Chain of Custody and sample log sheet. All canisters had greater than 25 inches of Mercury (Hg) showing on the vacuum gauge prior to sampling.
- Each sample was collected over a twenty-four (24) hour period with a flow rate of less than 0.2 liters per minute. The sampling rate of the canister was controlled by the use of a calibrated orifice within the flow controller. The calibrated orifice of each flow controller was pre-set at the laboratory.
- A slight vacuum was left in the canister at the end of the sampling period. The final vacuum was noted on the Chain of Custody that is also the sample log sheet. Upon receipt, the laboratory checked the vacuum in each canister in order to document that the canister did not leak during transit.



Bergmann notified the owners and occupants of the residences by mail of our intent to perform the SVI/IA sampling. Bergmann requested that residential occupants' close windows and doors to the extent practicable and that no smoking or solvent use occurs within the residences at least 48 hours prior to the sampling event, and that the residences remain closed as best as possible until the sampling was completed.

In conjunction with the SVI/IA sampling event, the current owners/occupants of the residences were interviewed using the "New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory" form to assist in establishing background information, chemical use inventory, and any pertinent information relevant to the structure and occupants. See Appendix 1 - NYSDOH Indoor Air Questionnaire and Building Inventory for these forms.

The indoor air samples were collected within the basement and first floor approximately three (3) to four (4) feet above floor level. The outdoor ambient sample was also collected approximately three (3) to four (4) feet above ground level. Following the sampling event, the SUMMA® canisters were transported by Bergmann to Centek an ELAP-certified laboratory, for analysis of VOCs via by EPA Method TO-15, with Category B deliverables. If required, a Data Usability Summary Report (DUSR) will be generated by an authorized Data Validator once full deliverables are received.

All New York State and United States Center for Disease Control and Prevention (CDC) Coronavirus disease 2019 (COVID-19) guidelines were followed in the conduct of this sampling event. Additionally, Bergmann personnel were masked and wearing nitrile gloves during sampling activities.

5.0 SUB-SLAB VAPOR / INDOOR AIR SAMPLING RESULTS

The results of the SVI/IA sub-slab vapor sampling are summarized on Table 1 – Summary of Sub-Slab Vapor Sample Results. This table presents the results for the nine (9) targeted VOCs that are the focus of SVI/IA investigation. Five (5) of the nine (9) VOCs were detected in accordance with test Method TO-15 and their concentrations above the laboratory reporting limits. The indoor air samples indicate detection of five (5) of the nine (9) targeted VOCs that are compared to NYSDOH Upper Fence levels from the NYSDOH Fuel Oil Study data (NYSDOH Upper Fence levels) as presented in Table 2 – Summary of Indoor Air Sample Results. Trichloroethene was detected in each indoor air sample at levels that exceed NYSDOH Upper Fence levels.

A sub-slab to indoor air concentration ratio was calculated for five (5) detected VOCs in sub-slab samples and detected in the indoor air samples using the average indoor air concentration. Products stored or contained in products stored and or used in the building were inventoried during this investigation; see Appendix 1. The majority of chemicals used/stored in the residential homes are cleaning agents with limited solvents and petroleum product contents.

Sub-Slab Vapor Concentrations

Five (5) targeted VOCs were detected in the sub-slab vapor samples: Acetone, Carbon disulfide, Cis-1,2-Dichloroethene, Tetrachloroethene, and Trichloroethene. These targeted VOCs are associated with VOCs (chlorinated solvents) historically detected in groundwater at the Site. Three (3) targeted VOCs were also detected in the outdoor air sample with similar and/or lower concentration ranges – Acetone, Carbon disulfide, and Trichloroethene. Carbon disulfide was detected below the quantitation limit.

These targeted VOCs were detected in sub-slab samples generally at higher concentrations than indoor air samples of each of the residential homes. Detection of these VOCs in these samples supports the conclusion that a vapor intrusion condition (migration pathway) may be complete from sub-slab vapor to indoor air that



would require mitigation. The table below summarizes the results for the targeted VOCs and the number of each sample correlates to each residential home street number.

Targeted VOC Results in Sub-Slab Samples

VOCs	Sub-slab Sample SS-98 (ug/m3)	Sub-slab Sample SS-114 (ug/m3)	Sub-slab Sample SS-118 (ug/m3)	NYSDOH Upper Fence Value
Acetone	25	47	36	115
Carbon Disulfide	3.8	0.75	0.97	---
Cis-1,2-Dichloroethene	Non-detect (ND)	ND	1.6	0.41
Tetrachloroethene	ND	ND	3.1	2.5
Trichloroethene	1.7	1.2	40	0.46

Sub-Slab to Indoor Air Concentration Ratios

The potential significance of targeted VOCs detected in the sub-slab vapor above outdoor background levels can be evaluated by calculation of the sub-slab vapor to indoor air concentration ratio. A VOC with a sub-slab to indoor air concentration ratio less than 1 may indicate that the source of the VOC detected in the sub-slab vapor may be from the residential home indoor air. Ratios greater than 1 may indicate a subsurface source of at least a portion of the vapors from the subsurface, but do not necessarily indicate discernable impacts to indoor air, depending on the degree of attenuation that occurs as the vapors migrate across the basement floor slab of the home. The potential for vapor intrusion impacts increases with higher sub-slab vapor to indoor air concentration ratios that equal or exceed 100. Using the average indoor air values (see table 2) and the concentrations of VOCs detected in the three (3) sub-slab samples, the highest sub-slab to indoor air concentration ratio was 49.4 for Trichloroethene at residential home 118 Torrance Place. Eight (8) sub-slab vapor to indoor air concentration ratios for the targeted VOCs are greater than one (1) and range from 1.2 to 49.4. Overall, the sub-slab to indoor air concentration ratios is elevated to levels above 1 and indicate a relatively low to moderate potential for sub-slab vapors to migrate across the residential home's floor slab and into indoor air. These sub-slab to indoor air concentration ratios are part of multiple lines of evidence in support for evaluation of the vapor intrusion condition.

Outdoor Air and Indoor Air Concentrations

Three (3) of the targeted VOCs that include Acetone, Carbon disulfide, and Trichloroethene were detected in the outdoor air (background ambient air) sample at concentrations that are generally similar or lower in concentrations than the targeted VOCs detected in both the sub-slab vapor and indoor air samples. It is noted that both the background ambient air sample (0.59 ug/m3) and the duplicate background ambient air sample (0.48 ug/m3) had detected concentrations of Trichloroethene over the NYSDOH Fuel Oil Heat Indoor Air Upper Fence value of 0.46 ug/m3. In general, the indoor air concentrations of targeted VOCs were higher than the outdoor air concentrations. VOCs detected in outdoor air are a potential contribution of VOCs that were detected in the indoor air sample, see Table 1. In general, the outdoor air concentrations are similar or lower than the targeted VOCs detected in the indoor air and sub-slab samples as presented in Table 1 and Table 2.

Indoor Air and Sub-Slab Vapor Results

Three (3) targeted VOCs that include Acetone, Carbon disulfide, and Trichloroethene were detected in the three (3) indoor air samples and the blind duplicate indoor air sample and are presented in Table 2. In general, indoor air concentrations for most of the targeted VOCs detected were at similar or higher



concentrations than outdoor air concentrations. The targeted VOC Trichloroethene exceeds the indoor air NYSDOH Upper Fence level of 0.46 ug/m³ for residential homes in each basement and first floor sample collected. The table below summarizes the results for the targeted VOCs for first floor indoor air samples and the number of each sample correlates to each residential home street number.

Targeted VOC Results in 1st Floor Indoor Ambient Samples

VOCs	1 st floor Indoor Air Sample IA1-98 (ug/m ³)	1 st Floor Indoor Air Sample IA1-114 (ug/m ³)	1 st Floor Indoor Air Sample IA1-118 (ug/m ³)
Acetone	43	21	23
Carbon Disulfide	0.47	0.40	0.50
Trichloroethene	0.97	1.0	0.81

6.0 SUB-SLAB SAMPLE SUMMARY

The probable source of targeted VOCs detected in the sub-slab vapor is likely from the Site based on this SVI/IA sampling event, as multiple lines of evidence including detection of targeted VOC in the Site groundwater that were detected in the sub-slab vapor samples and indoor air.

It does not appear that products/chemicals stored and/or used as cleaning agents in the residential homes have a significant contribution to detected targeted VOCs in the SVI/IA samples. The outdoor sample levels of targeted VOCs are lower than both the indoor air and sub-slab vapor results. Overall, the sub-slab sample results indicate that a vapor intrusion condition (migration pathway) is likely and would need to be confirmed with a second SVI/IA investigation as noted in EPA VI guidance.

Overall, it is likely that the detected targeted VOCs in sub-slab have impacted the indoor air quality at levels that exceed the NYSDOH Upper Fence level for Trichloroethene, see Table 1.

Bergmann has applied the solvent VOCs detected for vapor intrusion comparison with respect to the sub-slab vapors and indoor air to respective concentrations presented in NYSDOH Soil Vapor/Indoor Air Matrix A, Indoor Air Matrix B, and Indoor Air Matrix C. These decision matrices are typically used as guidance for selected VOCs in planning for source action identification and mitigation actions. The detected indoor air concentrations and sub-slab vapor results are best fit into the following ranges with corresponding actions as indicated in Soil Vapor/Indoor Air Matrices A, B, and C.



Matrix A Ranges and Recommended Action

Address of Residence	Matrix A Indoor Air VOC and Range of Detections (ug/m3)	Matrix A Indoor Air Concentration Range (ug/m3)	Matrix A Sub-Slab Vapor Concentration Range (ug/m3)	Recommended Action
98 Torrance Place	Trichloroethene 0.81 - 0.97	0.2 to <1 ug/m3	<6 ug/m3	No Further Action
114 Torrance Place	Trichloroethene 0.75 - 1.0	1.0 and above	<6 ug/m3	Identify Source(s), and Resample or Mitigate
118 Torrance Place	Trichloroethene 0.70 - 0.81	0.2 to <1 ug/m3	6 to <60 ug/m3	Monitor

Matrix B Ranges and Recommended Action

Address of Residence	Matrix B Indoor Air VOC and Range of Detections (ug/m3)	Matrix B Indoor Air Concentration Range (ug/m3)	Matrix B Sub-Slab Vapor Concentration Range (ug/m3)	Recommended Action
98 Torrance Place	Tetrachloroethene <1.0 ND	<3	<100	No Further Action
114 Torrance Place	Tetrachloroethene <1.0 ND	<3	<100	No Further Action
118 Torrance Place	Tetrachloroethene <1.0 ND	<3	<100	No Further Action

Matrix C Ranges and Recommended Action

Address of Residence	Matrix C Indoor Air VOC and Range of Detections (ug/m3)	Matrix C Indoor Air Concentration Range (ug/m3)	Matrix C Sub-Slab Vapor Concentration Range (ug/m3)	Recommended Action
98 Torrance Place	Vinyl Chloride <0.10 ND	<0.2	<6	No Further Action
114 Torrance Place	Vinyl Chloride <0.10 ND	<0.2	<6	No Further Action
118 Torrance Place	Vinyl Chloride <0.10 ND	<0.2	<6	No Further Action



The three (3) residences included in this study each have sub-slab depressurization systems (SSDS) that were installed in 2005 following a previous SVI/IA investigation related to the chlorinated solvent subsurface contamination at the neighboring Gowanda Electronics VCP Site. However, it is noted that out of the three (3) residences, only 118 Torrance Place had an actively running SSDS at the time of this investigation. This SSDS was making loud sounds and may not be mitigating sub-slab vapors properly.

Although the above table indicates that No Further Action is recommended for 98 Torrance Place, due to the levels of Trichloroethene detected in Indoor Air samples exceeding NYSDOH Upper Fence levels, Bergmann recommends continued monitoring and mitigation by operation of the SSDS.

Continued monitoring and mitigation by operation of the SSDS is recommend based on the levels of Trichloroethene detected in Indoor Air samples that exceed NYSDOH Upper Fence levels and sub-slab sample levels of Trichloroethene that apply to NYSDOH Matrix A Indoor Air concentrations.

7.0 CONCLUSIONS

The conclusions and recommendations contained within this report are subject to Bergmann's Limitations contained in Appendix 3 - Limitations.

1. Based on the results of the SVI/IA sampling, it appears that a Vapor Intrusion Condition (migration pathway) into the residential homes is a risk from sub-slab vapors to indoor air. It appears that VOCs detected in the sub-slab vapor samples have a low to moderate potential to migrate into indoor air in the residential homes based on the following:
 - Low to moderate level sub-slab to indoor air ratios for targeted VOCs.
 - Detection of Acetone and Carbon disulfide below NYSDOH Upper Fence level for residential homes. Trichloroethene exceeds the NYSDOH Upper Fence level in each indoor sample (includes basement and first floor samples).
 - Concentrations of low-level targeted VOCs in outdoor air are lower than both indoor air and sub-slab targeted VOCs.
 - Continued operation and maintenance of the SSDS in each residential home is recommend based on the levels of Trichloroethene detected in the Sub-Slab Soil Vapor samples/Indoor Air samples that apply to NYSDOH Matrix A Indoor Air.
 - The SSDSs were not operating in residential homes 98 Torrance Place and 114 Torrance Place during the SVI/IA investigation. The SSDS was operating at 118 Torrance Place, but was making loud sounds and may not be mitigating sub-slab vapors properly.

8.0 RECOMMENDATIONS

1. Continued mitigation is required using the SSDSs in each residential home to reduce the vapor intrusion condition and increase indoor air quality. Bergmann recommends repair or replacement of existing systems in each home tested during this investigation.
2. Complete a second SVI/IA sampling event to confirm the findings of this investigation.



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TABLES

TABLE 1
SUMMARY OF SUB-SLAB VAPOR SAMPLE RESULTS – TORRANCE PLACE
GOWANDA, NEW YORK

Volatile Organic Compound (VOC)	Product is stored, used or in products in Residential Homes	VOC Detected in Subsurface or suspected in subsurface	SS-98 Sub-Slab Vapor Sample 3/25/2021	SS-98 Sub-Slab /Indoor Air Ratio	SS-114 Sub-Slab Vapor Sample 3/25/2021	SV-114 Sub-Slab /Indoor Air Ratio	SS-118 Sub-Slab Vapor Sample 3/25/2021	SV-118 Sub-Slab /Indoor Air Ratio	NYSDOH Soil Vapor / Indoor Air Matrix A		NYSDOH Soil Vapor / Indoor Air Matrix B		NYSDOH Soil Vapor / Indoor Air Matrix B	
									Residential Address	Concentration Ranges	Residential Address	Concentration Ranges	Residential Address	Concentration Ranges
Acetone	Yes	Yes	25	0.6	47	2.2	36	1.6	--	--	--	--	--	--
Bromomethane	No	Yes	<0.58 ND	-	<0.58	-	<0.58	-	--	--	--	--	--	--
Carbon disulfide	No	Yes	3.8	8.1	0.75	1.9 J	0.97	1.9	--	--	--	--	--	--
cis-1,2-Dichloroethene	No								98 Torrance Place	<6 / <0.2	--	--	--	--
		Yes	<0.59 ND	-	<0.59 ND	-	1.6	1.6 : 0	114 Torrance Place	<6 / <0.2	--	--	--	--
									118 Torrance Place	<6 / <0.2	--	--	--	--
1,1-Dichloroethene	No	Yes	<0.59 ND	-	<0.59 ND	-	<0.59 ND	-	98 Torrance Place	<6 / <0.2	--	--	--	--
									114 Torrance Place	<6 / <0.2	--	--	--	--
									118 Torrance Place	<6 / <0.2	--	--	--	--
Tetrachloroethene	No	Yes	<1.0 ND	-	<1.0 ND	-	3.1	-	--	--	98 Torrance Place	<3 / <100	--	--
									--	--	114 Torrance Place	<3 / <100	--	--
									--	--	118 Torrance Place	<3 / <100	--	--
Trichloroethene	No	Yes	1.7	1.8	1.2	1.2	40	49.4	98 Torrance Place	< 6 / 0.2 to <1	--	--	--	--
									114 Torrance Place	<6 / 1.0 and above	--	--	--	--
									118 Torrance Place	6 to <60 / 0.2 to <1	--	--	--	--
trans-1,2-Dichloroethene	No	Yes	<0.59 ND	-	<0.59 ND	-	<0.59 ND	-	--	--	--	--	--	--
Vinyl chloride	No	Yes	<0.38 ND	-	<0.10 ND	-	<0.38 ND	-	--	--	--	--	98 Torrance Place	< 0.2 / <6
									--	--	--	--	114 Torrance Place	< 0.2 / <6
									--	--	--	--	118 Torrance Place	< 0.2 / <6

Notes: 1. Vapor sample collection was performed by Bergmann on March 25th & March 26th, 2021. Laboratory testing was performed by Centek Laboratories, LLC of Syracuse, New York.
2. NYSDOH Soil Vapor/Indoor Air Matrix A from May 2017.
3. All concentrations are expressed in micrograms per cubic meter (µg/m³).

Color Key:

Sub-slab vapor to indoor air concentration ratio greater than 1.

TABLE 2
SUMMARY OF INDOOR AIR SAMPLE RESULTS – TORRANCE PLACE
GOWANDA, NEW YORK

Volatile Organic Compound (VOC)	VOC Detected in Groundwater At Gowanda Day Habilitation Center Site V00463	VOC Detected in Sub-slab Vapor Sample 3/25/2021	IAB-98 Basement Indoor Air Sample 3/25/21	IA1-98 First Floor Indoor Air Sample 3/25/21	IAB-114 Basement Indoor Air Sample 3/25/21	IA1-114 First Floor Indoor Air Sample 3/25/21	IAB-118 Basement Indoor Air Sample 3/25/21	IA1-118 First Floor Indoor Air Sample 3/25/21	IA1-130 Duplicate Indoor Air IA1-118 Sample 3/25/21	OA-Background Outdoor Air Sample 3/25/21	OA-MS/MSD Duplicate Background Outdoor Air Sample 3/25/21	AVERAGE Indoor Air Value 3/25/2021	Minimum/Maximum Indoor Air Values 3/25/2021	NYSDOH Fuel Oil Heat - Indoor Air Upper Fence	NYSDOH Soil Vapor / Indoor Air Matrix A		NYSDOH Matrix A Action	NYSDOH Soil Vapor / Indoor Air Matrix B		NYSDOH Matrix B Action	NYSDOH Soil Vapor / Indoor Air Matrix C		NYSDOH Matrix C Action				
															Residential Address	Concen-tration Ranges		Residential Address	Concen-tration Ranges		Residential Address	Concen-tration Ranges					
Acetone	Yes	Yes	23	43	38	21	15	23	26	21	21	27	15 - 43	115													
Bromomethane	Yes	No	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	<0.58 ND	ND	ND - ND	0.5													
Carbon disulfide	Yes	Yes	0.44	0.47	0.47	0.40 J	0.34 J	0.50	0.40 J	0.34	0.37	0.44	0.34J – 0.50	---													
cis-1,2-Dichloroethene	Yes	Yes	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	ND	ND – ND	0.4	98 Torrance Place	<6 / <0.2	No Further Action										
															114 Torrance Place	<6 / <0.2	No Further Action										
															118 Torrance Place	<6 / <0.2	No Further Action										
1,1-Dichloroethene	Yes	No	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	<0.16 ND	ND	ND - ND	0.4	98 Torrance Place	<6 / <0.2	No Further Action											
														114 Torrance Place	<6 / <0.2	No Further Action											
														118 Torrance Place	<6 / <0.2	No Further Action											
Tetrachloroethene	Yes	Yes	<1.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	<1.0 ND	ND	ND - ND	2.5				98 Torrance Place							<3 / <100	No Further Action		
																	114 Torrance Place							<3 / <100	No Further Action		
																	118 Torrance Place							<3 / <100	No Further Action		
Trichloroethene*	Yes	Yes	0.81	0.97	0.75	1.0	0.70	0.81	0.91	0.59	0.48	0.84	0.70 – 1.0	0.5	98 Torrance Place	< 6 / 0.2 to <1	No Further Action										
															114 Torrance Place	<6 / 1.0 and above	Identify Source(s) and Resample or Mitigate										
															118 Torrance Place	6 to <60 / 0.2 to <1	Monitor										
Trans-1,2-Dichloroethene	Yes	No	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	<0.59 ND	ND	ND - ND	---													
Vinyl chloride	Yes	No	<0.10 ND	<0.10 ND	<0.10 ND	<0.10 ND	<0.10 ND	<0.10 ND	<0.10 ND	<0.10 ND	ND	ND - ND	0.4												98 Torrance Place	< 0.2 / <6	No Further Action
																									114 Torrance Place	< 0.2 / <6	No Further Action
																									118 Torrance Place	< 0.2 / <6	No Further Action

Notes:

1. Vapor sample collection was performed by Bergmann Associates on March 25th and 26th, 2021. Laboratory testing was performed by Centek Laboratories, LLC.

2. ND indicates non - detection. All concentrations are expressed in micrograms per cubic meter (ug/m³).

3. NYSDOH Fuel Oil Heat-Indoor air Upper Fence data.

4. VOC historically detected in subsurface soil and groundwater at the former Gowanda Day Habilitation Center Facility located at 4 Industrial Place, Gowanda, NY.

5. VOCs in bold type are Primary VOCs and Secondary VOCs for the vapor intrusion condition based on multiple lines of evidence.

6. VOCs in bold type with asterisk exceeds NYSDOH Fuel Oil Heat-Indoor Air Upper Fence values.

7. The method detection limit (MDL) of 0.58 ug/m3 for Bromomethane exceeds the NYSDOH Fuel Oil Heat-Indoor Air Upper Fence value of 0.48 ug/m3 for all samples.

Color Key:

Chemical compound (VOC) detected in sub-slab vapor and also in the indoor air. VOC detected in indoor air is in the same concentration range as ambient air and sub-slab vapor. Ambient air is generally lower than indoor air concentration.

Chemical compound (VOC) detected in sub-slab vapor and also in the indoor air. VOC detected in the indoor air has a higher concentration than the ambient concentration.

Chemical compound (VOC) was not detected in the indoor air and ambient air samples. Chemical compound was detected in sub-slab samples.

Chemical compound (VOC) detected in indoor air and non-detect in ambient air and sub-slab.

Chemical compound (VOC) indoor air concentration is in the same concentration range as ambient air concentration. Chemical compound was not detected in the sub-slab.

Chemical compound (VOC) detected in indoor air and non-detect in ambient air. Chemical compound (VOC) detected in sub-slab.

Chemical compound (VOC) not detected in sub-slab, not detected in indoor air and not detected in ambient air.



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FIGURES

DASNY

**Gowanda Day
Habilitation Center**

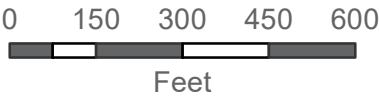
**4 Industrial Place
Gowanda, NY**



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Figure 1

**March 2021
Soil Vapor Intrusion
& Indoor Air
Site Location
Map**



Legend

 Project Site



Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, DigitalGlobe, GeoEye, IGN, AerGRID, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Copyright© 2013 National Geographic Society

DASNY

**Gowanda Day
Habilitation Center**

**4 Industrial Place
Gowanda, NY**



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Figure 2

**March 2021
Soil Vapor Intrusion
& Indoor Air
Sampling Location
Map**

0 10 20 30 40



Feet



Legend

- Outdoor Air Sample
- Indoor Air Sample
- Basement Air Sample
- Property Lines



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PHOTOGRAPHS



Sampling location of OA-Background and OA-MS/MSD (Duplicate).



Sampling location of IA1-118 and IA1-130 (Duplicate).



Sampling location of IAB-118 and SS-118.



Sampling location of IAB-114 and SS-114.



Sampling location of IA1-114.



Sampling location of IA1-98.



Sampling location of SS-98 and IAB-98.



Starch aerosol spray present in basement of 118 Torrance Place.



Paint remover spray present in basement of 118 Torrance Place.



Mineral spirits present in basement of 118 Torrance Place.



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APPENDIX 1

98 Tompauke

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Justin L. O'Brien Date/Time Prepared 3/25/2021 7:20
Preparer's Affiliation Beyman Phone No. 607-333-3124
Purpose of Investigation Garanda Day Mobilization SVE Sampling

1. OCCUPANT:

Interviewed: Y ☒

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☒)

Interviewed: Y ☒

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

School
Church

Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch
Raised Ranch
Cape Cod
Duplex
Modular

2-Family
Split Level
Contemporary
Apartment House
Log Home

3-Family
Colonial
Mobile Home
Townhouses/Condos
Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N

If yes, how many? _____

Other characteristics:

Number of floors 2 + Basement

Building age 1950s?

Is the building insulated? ☒ Y / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with pond
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y/N
- k. Water in sump? Y/N not applicable

Basement/Lowest level depth below grade: ~7 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Cracks in floor + walls

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler

Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: _____

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / ☒ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement	<u>Laundry, Storage</u>
1 st Floor	<u>Kitchen, Living Room</u>
2 nd Floor	<u>Bedrooms</u>
3 rd Floor	
4 th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- Is there an attached garage? Y / ☒ N
- Does the garage have a separate heating unit? Y / N / ☒ NA
- Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) ☒ Y / N / NA
Please specify _____
- Has the building ever had a fire? Y / ☒ NA When? _____
- Is a kerosene or unvented gas space heater present? Y / ☒ N Where? _____
- Is there a workshop or hobby/craft area? Y / ☒ N Where & Type? _____
- Is there smoking in the building? Y / ☒ N How frequently? _____
- Have cleaning products been used recently? Y / ☒ N When & Type? _____
- Have cosmetic products been used recently? Y / ☒ N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / ☒ N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / ☒ N Where & When? _____

l. Have air fresheners been used recently? Y / ☒ N When & Type? _____

m. Is there a kitchen exhaust fan? ☒ Y / N If yes, where vented? above

n. Is there a bathroom exhaust fan? ☒ Y / N If yes, where vented? _____

o. Is there a clothes dryer? ☒ Y / N If yes, is it vented outside? ☒ Y / N

p. Has there been a pesticide application? Y / ☒ N When & Type? _____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? ☒ Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

Manufacturing

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)
Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service

No
Unknown

Is there a radon mitigation system for the building/structure? ☒ Y / N Date of Installation: ~ 2006
Is the system active or passive? ☒ Active / Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

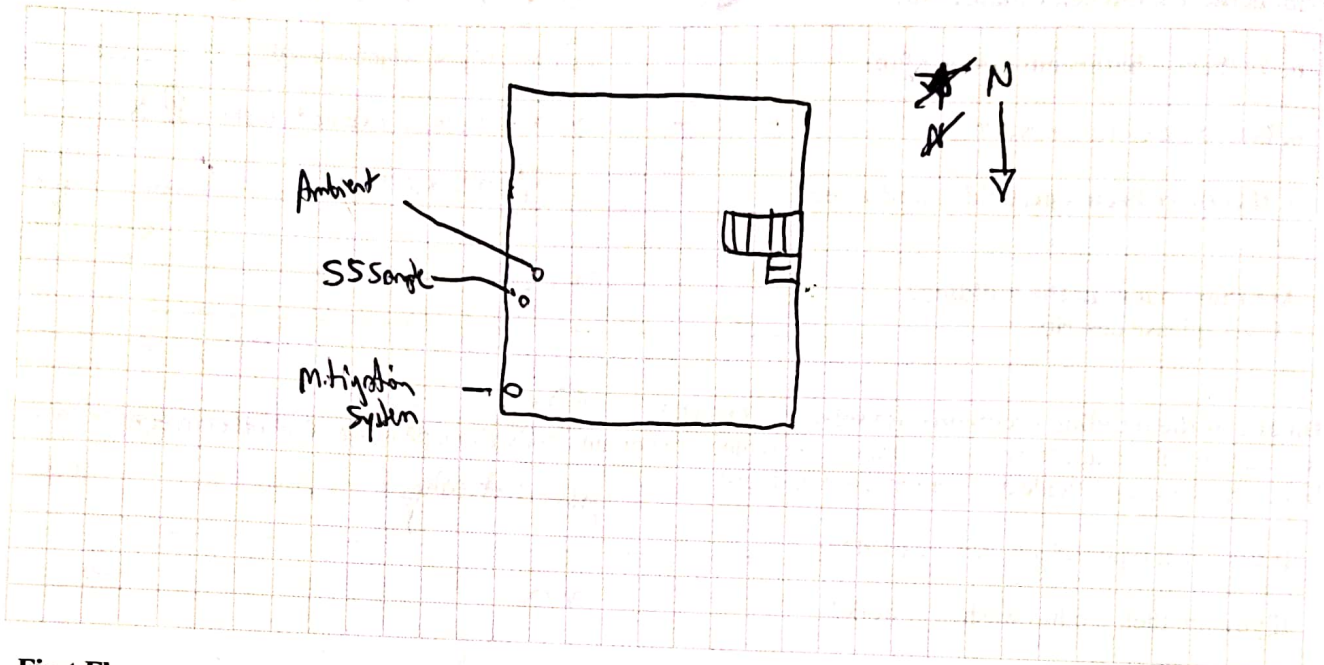
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

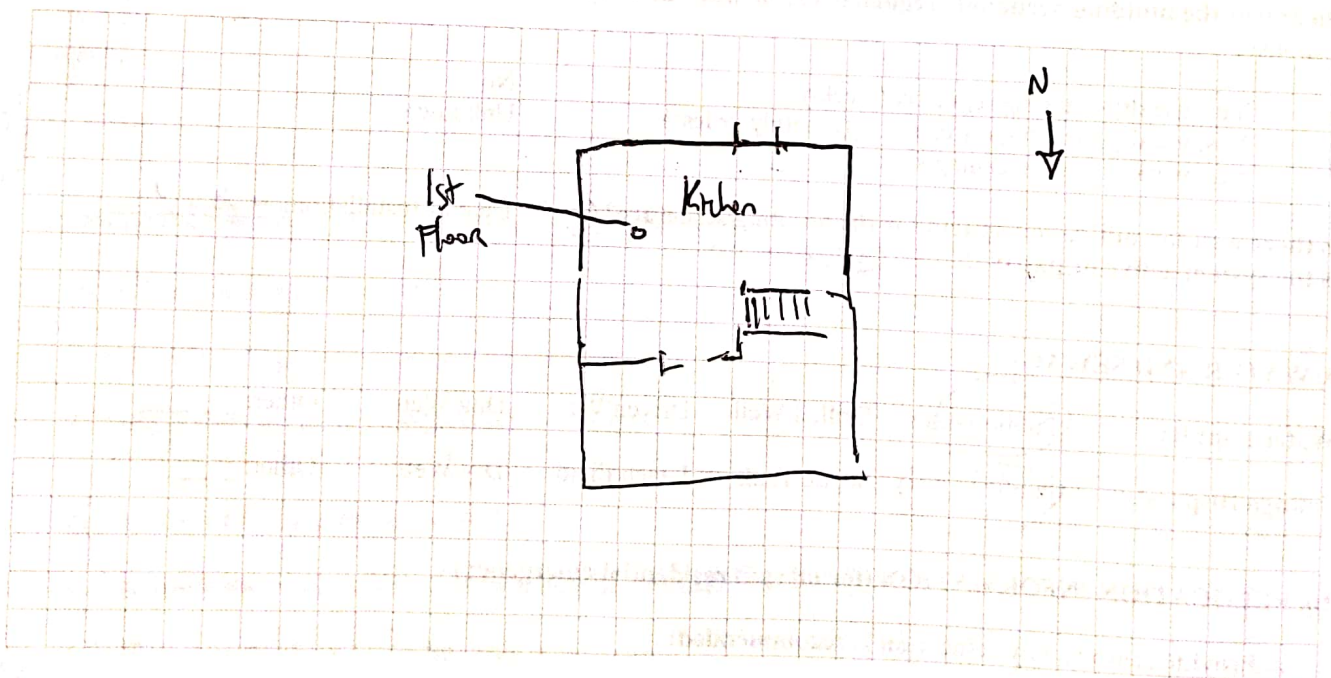
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



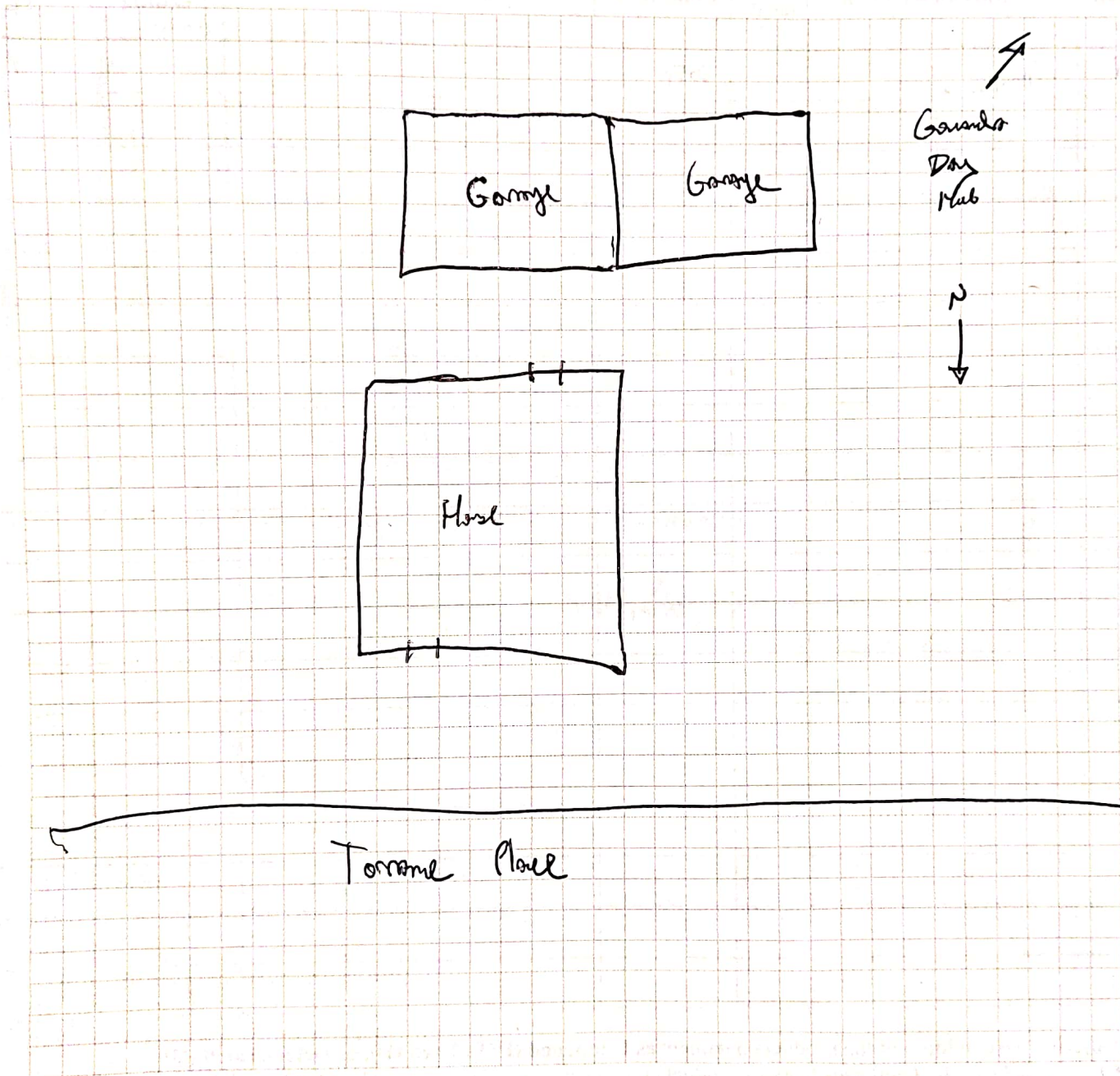
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



1-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1

Air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

114 Torrance

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Justin L. O'Brien Date/Time Prepared 3/25/2021 7:00

Preparer's Affiliation Beynon Phone No. 607-333-3124

Purpose of Investigation Conducting Dry Hobbies in SVI Sampling

1. OCCUPANT:

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☒)

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

☒ Residential
☐ Industrial

☐ School
☐ Church

☐ Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch
Raised Ranch
Cape Cod
Duplex
Modular

2-Family
Split Level
Contemporary
Apartment House
Log Home

3-Family
Colonial
Mobile Home
Townhouses/Condos
Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2 + Basement

Building age 1970s?

Is the building insulated? (Y) / N

How air tight? Tight Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with _____
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with paint
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? (Y)/N
- k. Water in sump? Y/(N) not applicable

Basement/Lowest level depth below grade: ~7 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Cracks in floor, potential drains

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler

Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: Aut gas

Boiler/furnace located in:

Basement

Outdoors

Main Floor

Other _____

Air conditioning:

Central Air

Window units

Open Windows

None

Are there air distribution ducts present? Y/N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)
Basement	<u>Storage / Laundry</u>
1 st Floor	<u>Living Room, Kitchen</u>
2 nd Floor	<u>Bedroom</u>
3 rd Floor	
4 th Floor	

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- Is there an attached garage? Y/N
- Does the garage have a separate heating unit? Y/N/NA
- Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y/N/NA
Please specify _____
- Has the building ever had a fire? Y/NA When? _____
- Is a kerosene or unvented gas space heater present? Y/N Where? _____
- Is there a workshop or hobby/craft area? Y/N Where & Type? _____
- Is there smoking in the building? Y/N How frequently? Candles, Smoke
- Have cleaning products been used recently? Y/N When & Type? In 1st floor (candles)
- Have cosmetic products been used recently? Y/N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y ☒ N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y ☒ N Where & When? _____

l. Have air fresheners been used recently? Y ☒ N When & Type? CANDLES

m. Is there a kitchen exhaust fan? Y ☒ N If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y ☒ N If yes, where vented? _____

o. Is there a clothes dryer? Y ☒ N If yes, is it vented outside? ☒ Y / N

p. Has there been a pesticide application? Y ☒ N When & Type? _____

Are there odors in the building? Y ☒ N

If yes, please describe: Animals, tobacco smoke, candles

Do any of the building occupants use solvents at work? Y ☒ N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

No

Unknown

Is there a radon mitigation system for the building/structure? Y ☒ N Date of Installation: ~2006

Is the system active or passive? ☒ Active / ☐ Passive

9. WATER AND SEWAGE

Water Supply: ☒ Public Water ☐ Drilled Well ☐ Driven Well ☐ Dug Well Other: _____

Sewage Disposal: ☒ Public Sewer ☐ Septic Tank ☐ Leach Field ☐ Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home ☐ relocate to friends/family ☐ relocate to hotel/motel ☐

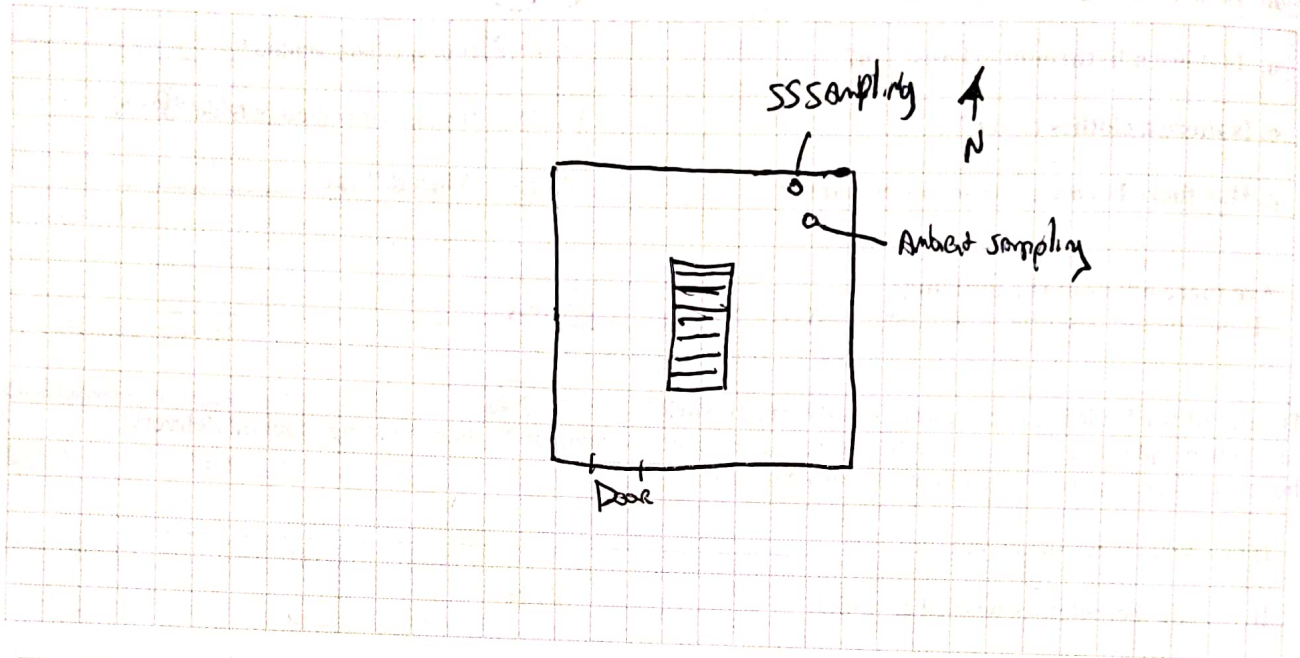
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

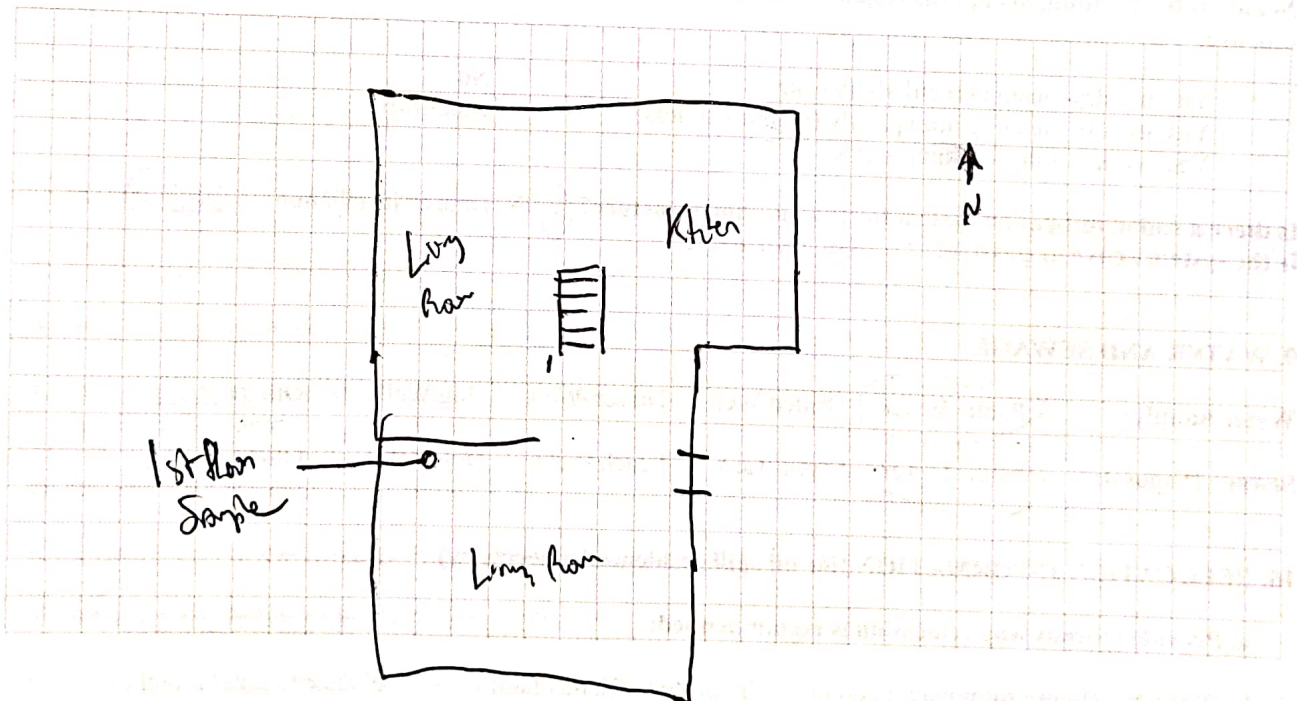
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



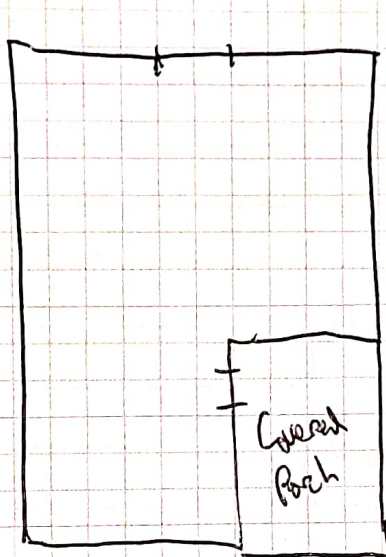
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Feb RAE 3000

air quality.

Ex. 1. Let $\mathcal{A}$ be a $\mathcal{C}^*$ -algebra and $\mathcal{B}$ be a $\mathcal{C}^*$ -subalgebra of $\mathcal{A}$. Then $\mathcal{B}$ is a $\mathcal{C}^*$ -algebra.

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

118 Tamane

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Justin L. O'Brien Date/Time Prepared 3/25/2021 6:20 pm

Preparer's Affiliation Brymann Phone No. 607-333-3124

Purpose of Investigation GWANDA Day Habilitation SUI Sampling

1. OCCUPANT:

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☒)

Interviewed: Y ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

☒ Residential
☐ Industrial

☐ School
☐ Church

☐ Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch
 Raised Ranch
 Cape Cod
 Duplex
 Modular

2-Family
 Split Level
 Contemporary
 Apartment House
 Log Home

3-Family
 Colonial
 Mobile Home
 Townhouses/Condos
 Other: _____

If multiple units, how many? 1

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 1 + basement

Building age 1970s?

Is the building insulated? (Y) / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other _____
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with Floor tile
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with paint
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: ~ 7 (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

Cracks in concrete floor, block walls in basement, drain in floor

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation
Space Heaters
Electric baseboard

Heat pump
Stream radiation
Wood stove

Hot water baseboard
Radiant floor
Outdoor wood boiler

Other _____

The primary type of fuel used is:

Natural Gas
Electric
Wood

Fuel Oil
Propane
Coal

Kerosene
Solar

Domestic hot water tank fueled by: _____

Boiler/furnace located in:

Basement

Outdoors

Main Floor

Other _____

Air conditioning:

Central Air

Window units

Open Windows

None

Are there air distribution ducts present?

☒ Y ☐ N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time ☒ Occasionally ☐ Seldom ☐ Almost Never ☐

Level General Use of Each Floor (e.g., family room, bedroom, laundry, workshop, storage)

Basement Laundry, storage

1st Floor Living (living room, kitchen, bedroom, etc)

2nd Floor _____

3rd Floor _____

4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? ☒ Y ☐ N
- b. Does the garage have a separate heating unit? Y ☐ N ☒ NA
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) ☒ Y ☐ N ☐ NA
Please specify _____
- d. Has the building ever had a fire? Y ☐ ☒ N When? N/A
- e. Is a kerosene or unvented gas space heater present? Y ☐ ☒ N Where? N
- f. Is there a workshop or hobby/craft area? ☒ Y ☐ N Where & Type? Basement (paints)
- g. Is there smoking in the building? Y ☐ ☒ N How frequently? _____
- h. Have cleaning products been used recently? ☒ Y ☐ N When & Type? Cleaning products in house
- i. Have cosmetic products been used recently? ☒ Y ☐ N When & Type? Acrylics used in house

j. Has painting/staining been done in the last 6 months?

Y / ☒ N Where & When? _____

k. Is there new carpet, drapes or other textiles?

☒ Y / N Where & When? Living, drapes in living room

l. Have air fresheners been used recently?

Y / N When & Type? _____

m. Is there a kitchen exhaust fan?

☒ Y / N If yes, where vented? outside

n. Is there a bathroom exhaust fan?

☒ Y / N If yes, where vented? outside

o. Is there a clothes dryer?

☒ Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application?

Y / ☒ N When & Type? _____

Are there odors in the building?

If yes, please describe: _____

Y / ☒ N

Do any of the building occupants use solvents at work?

Y / N

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work?

Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

No

☒ Unknown

Is there a radon mitigation system for the building/structure? ☒ Y / N Date of Installation: ~ 2006?

Is the system active or passive?

☒ Active / ☐ Passive

9. WATER AND SEWAGE

Water Supply:

☒ Public Water

☐ Drilled Well

☐ Driven Well

☐ Dug Well

Other: _____

Sewage Disposal:

☐ Public Sewer

☐ Septic Tank

☐ Leach Field

☐ Dry Well

Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

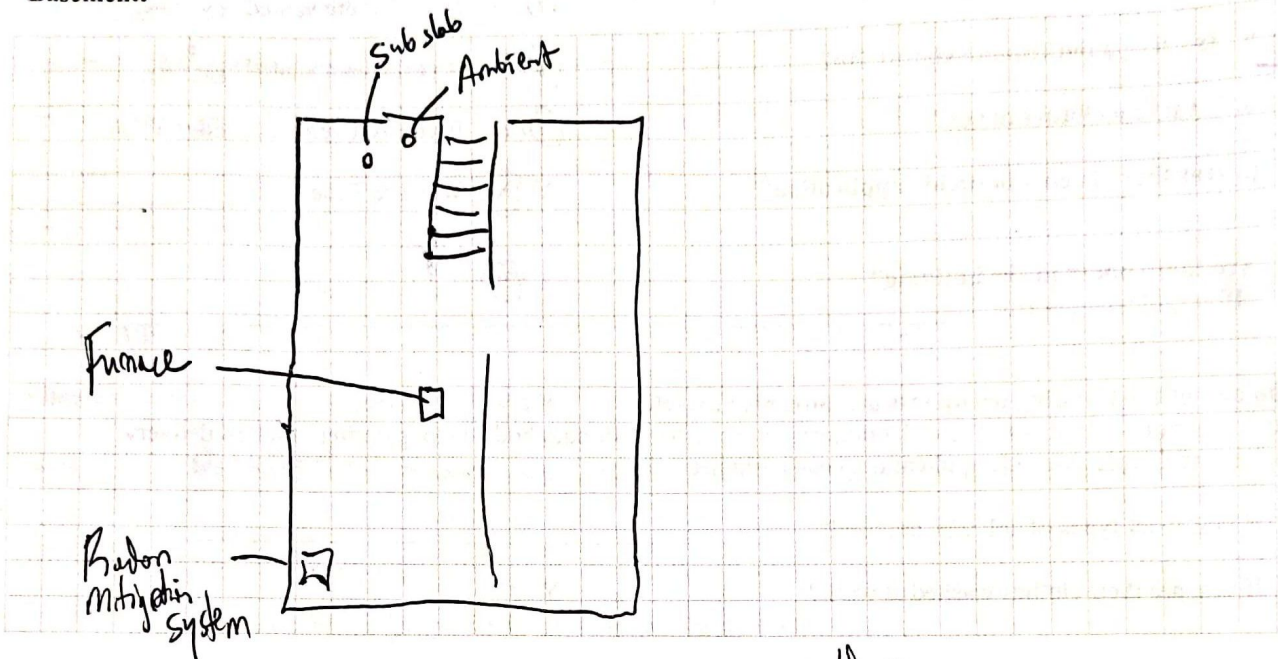
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

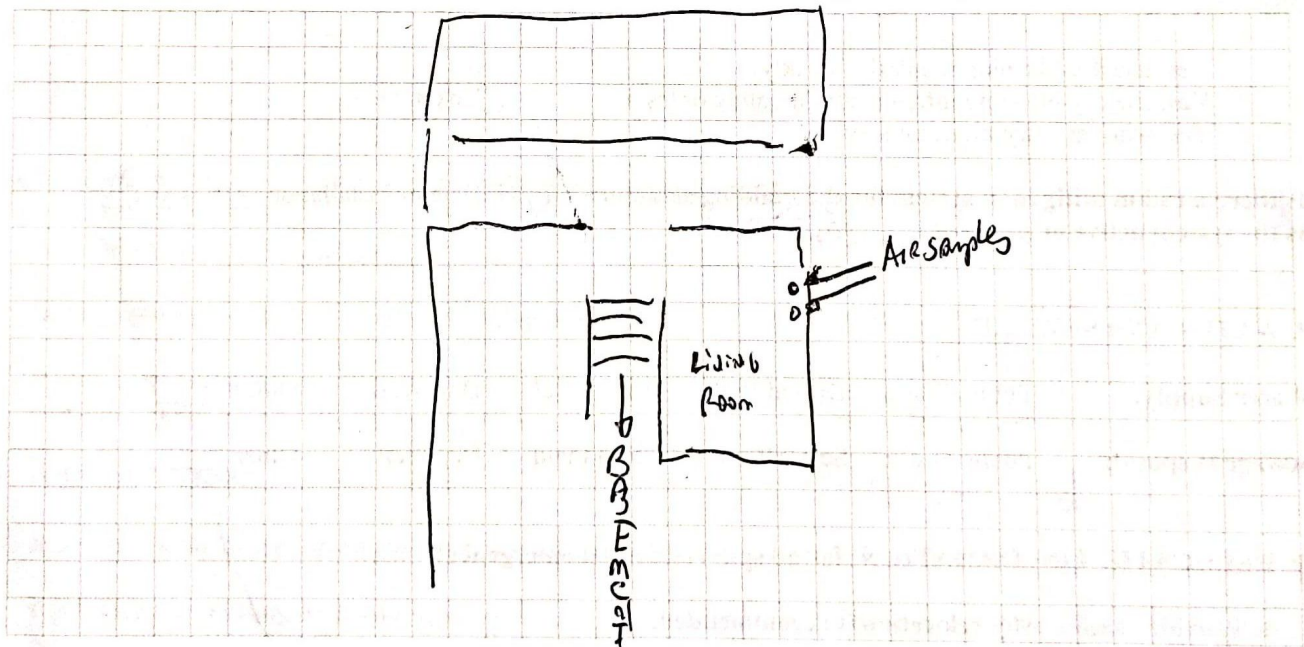
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



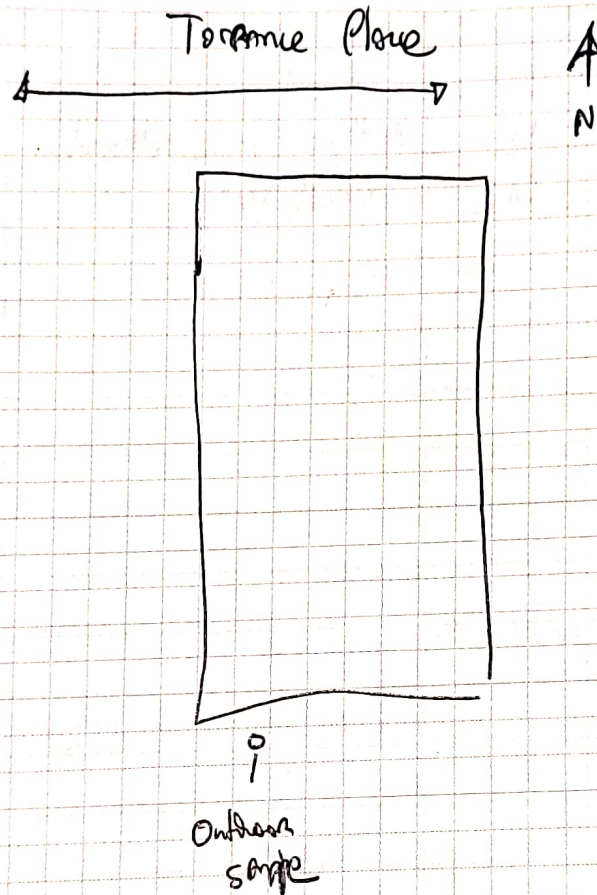
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



Make & Model of field instrument used: PBBK 5000

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**



BERGMANN
ARCHITECTS ENGINEERS PLANNERS

APPENDIX 2

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-001A

Client Sample ID: SS-114
Tag Number: 288,392
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 9:48:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 9:48:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 9:48:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 9:48:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 9:48:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 9:48:00 PM
1,2,4-Trimethylbenzene	0.69	0.74	J	ug/m3	1	3/30/2021 9:48:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 9:48:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:48:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 9:48:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 9:48:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 9:48:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 9:48:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:48:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:48:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 9:48:00 PM
2,2,4-trimethylpentane	1.3	0.70		ug/m3	1	3/30/2021 9:48:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 9:48:00 PM
Acetone	47	7.1		ug/m3	10	3/31/2021 4:40:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 9:48:00 PM
Benzene	2.0	0.48		ug/m3	1	3/30/2021 9:48:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 9:48:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 9:48:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 9:48:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 9:48:00 PM
Carbon disulfide	0.75	0.47		ug/m3	1	3/30/2021 9:48:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/30/2021 9:48:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 9:48:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 9:48:00 PM
Chloroform	2.0	0.73		ug/m3	1	3/30/2021 9:48:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/30/2021 9:48:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 9:48:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 9:48:00 PM
Cyclohexane	24	5.2		ug/m3	10	3/31/2021 4:40:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 9:48:00 PM
Ethyl acetate	4.0	0.54		ug/m3	1	3/30/2021 9:48:00 PM
Ethylbenzene	2.1	0.65		ug/m3	1	3/30/2021 9:48:00 PM
Freon 11	1.3	0.84		ug/m3	1	3/30/2021 9:48:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 9:48:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 9:48:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-001A

Client Sample ID: SS-114
Tag Number: 288,392
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	3/30/2021 9:48:00 PM
Heptane	16	6.1		ug/m3	10	3/31/2021 4:40:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 9:48:00 PM
Hexane	59	5.3		ug/m3	10	3/31/2021 4:40:00 PM
Isopropyl alcohol	45	3.7		ug/m3	10	3/31/2021 4:40:00 PM
m&p-Xylene	7.5	1.3		ug/m3	1	3/30/2021 9:48:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 9:48:00 PM
Methyl Ethyl Ketone	35	8.8		ug/m3	10	3/31/2021 4:40:00 PM
Methyl Isobutyl Ketone	0.98	1.2	J	ug/m3	1	3/30/2021 9:48:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 9:48:00 PM
Methylene chloride	1.6	0.52		ug/m3	1	3/30/2021 9:48:00 PM
o-Xylene	4.2	0.65		ug/m3	1	3/30/2021 9:48:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 9:48:00 PM
Styrene	4.7	0.64		ug/m3	1	3/30/2021 9:48:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 9:48:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 9:48:00 PM
Toluene	23	5.7		ug/m3	10	3/31/2021 4:40:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 9:48:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 9:48:00 PM
Trichloroethene	1.2	0.81		ug/m3	1	3/30/2021 9:48:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 9:48:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 9:48:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/30/2021 9:48:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-002A

Client Sample ID: IAB-114
Tag Number: 552,398
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.82	0.82		ug/m3	1	3/30/2021 1:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 1:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 1:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 1:32:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 1:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 1:32:00 PM
1,2,4-Trimethylbenzene	0.54	0.74	J	ug/m3	1	3/30/2021 1:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 1:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 1:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 1:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 1:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 1:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 1:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 1:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 1:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 1:32:00 PM
2,2,4-trimethylpentane	1.3	0.70		ug/m3	1	3/30/2021 1:32:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 1:32:00 PM
Acetone	38	7.1		ug/m3	10	3/31/2021 1:23:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 1:32:00 PM
Benzene	1.3	0.48		ug/m3	1	3/30/2021 1:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 1:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 1:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 1:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 1:32:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	3/30/2021 1:32:00 PM
Carbon tetrachloride	0.44	0.19		ug/m3	1	3/30/2021 1:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 1:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 1:32:00 PM
Chloroform	0.98	0.73		ug/m3	1	3/30/2021 1:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/30/2021 1:32:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 1:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 1:32:00 PM
Cyclohexane	15	5.2		ug/m3	10	3/31/2021 1:23:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 1:32:00 PM
Ethyl acetate	4.7	0.54		ug/m3	1	3/30/2021 1:32:00 PM
Ethylbenzene	2.2	0.65		ug/m3	1	3/30/2021 1:32:00 PM
Freon 11	1.3	0.84		ug/m3	1	3/30/2021 1:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 1:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 1:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-002A

Client Sample ID: IAB-114
Tag Number: 552,398
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	3/30/2021 1:32:00 PM
Heptane	6.6	6.1		ug/m3	10	3/31/2021 1:23:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 1:32:00 PM
Hexane	5.6	0.53		ug/m3	1	3/30/2021 1:32:00 PM
Isopropyl alcohol	61	15		ug/m3	40	3/31/2021 2:05:00 AM
m&p-Xylene	7.6	1.3		ug/m3	1	3/30/2021 1:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 1:32:00 PM
Methyl Ethyl Ketone	7.4	8.8	J	ug/m3	10	3/31/2021 1:23:00 AM
Methyl Isobutyl Ketone	0.86	1.2	J	ug/m3	1	3/30/2021 1:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 1:32:00 PM
Methylene chloride	2.1	0.52		ug/m3	1	3/30/2021 1:32:00 PM
o-Xylene	4.4	0.65		ug/m3	1	3/30/2021 1:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 1:32:00 PM
Styrene	4.6	0.64		ug/m3	1	3/30/2021 1:32:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 1:32:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 1:32:00 PM
Toluene	6.0	0.57		ug/m3	1	3/30/2021 1:32:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 1:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 1:32:00 PM
Trichloroethene	0.75	0.16		ug/m3	1	3/30/2021 1:32:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 1:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 1:32:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 1:32:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-003A

Client Sample ID: IA1-114
Tag Number: 200,436
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 2:16:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 2:16:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 2:16:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 2:16:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 2:16:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 2:16:00 PM
1,2,4-Trimethylbenzene	1.1	0.74		ug/m3	1	3/30/2021 2:16:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 2:16:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 2:16:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 2:16:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 2:16:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 2:16:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 2:16:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 2:16:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 2:16:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 2:16:00 PM
2,2,4-trimethylpentane	1.5	0.70		ug/m3	1	3/30/2021 2:16:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 2:16:00 PM
Acetone	21	7.1		ug/m3	10	3/31/2021 2:47:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 2:16:00 PM
Benzene	1.6	0.48		ug/m3	1	3/30/2021 2:16:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 2:16:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 2:16:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 2:16:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 2:16:00 PM
Carbon disulfide	0.40	0.47	J	ug/m3	1	3/30/2021 2:16:00 PM
Carbon tetrachloride	0.44	0.19		ug/m3	1	3/30/2021 2:16:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 2:16:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 2:16:00 PM
Chloroform	1.1	0.73		ug/m3	1	3/30/2021 2:16:00 PM
Chloromethane	1.9	0.31		ug/m3	1	3/30/2021 2:16:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 2:16:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 2:16:00 PM
Cyclohexane	20	5.2		ug/m3	10	3/31/2021 2:47:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 2:16:00 PM
Ethyl acetate	6.1	0.54		ug/m3	1	3/30/2021 2:16:00 PM
Ethylbenzene	3.1	0.65		ug/m3	1	3/30/2021 2:16:00 PM
Freon 11	1.3	0.84		ug/m3	1	3/30/2021 2:16:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 2:16:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 2:16:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-003A

Client Sample ID: IA1-114
Tag Number: 200,436
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.6	0.74		ug/m3	1	3/30/2021 2:16:00 PM
Heptane	9.4	6.1		ug/m3	10	3/31/2021 2:47:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 2:16:00 PM
Hexane	5.1	0.53		ug/m3	1	3/30/2021 2:16:00 PM
Isopropyl alcohol	86	15		ug/m3	40	3/31/2021 3:29:00 AM
m&p-Xylene	11	1.3		ug/m3	1	3/30/2021 2:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 2:16:00 PM
Methyl Ethyl Ketone	3.9	0.88		ug/m3	1	3/30/2021 2:16:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 2:16:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 2:16:00 PM
Methylene chloride	2.4	0.52		ug/m3	1	3/30/2021 2:16:00 PM
o-Xylene	6.5	0.65		ug/m3	1	3/30/2021 2:16:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 2:16:00 PM
Styrene	6.9	0.64		ug/m3	1	3/30/2021 2:16:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 2:16:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 2:16:00 PM
Toluene	7.5	0.57		ug/m3	1	3/30/2021 2:16:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 2:16:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 2:16:00 PM
Trichloroethene	1.0	0.16		ug/m3	1	3/30/2021 2:16:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 2:16:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 2:16:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 2:16:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-004A

Client Sample ID: OA-MS/MSD
Tag Number: 218,1388
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 3:00:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 3:00:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 3:00:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 3:00:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 3:00:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 3:00:00 PM
1,2,4-Trimethylbenzene	0.64	0.74	J	ug/m3	1	3/30/2021 3:00:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 3:00:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 3:00:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 3:00:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 3:00:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 3:00:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 3:00:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 3:00:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 3:00:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 3:00:00 PM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/30/2021 3:00:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 3:00:00 PM
Acetone	21	7.1		ug/m3	10	3/31/2021 4:12:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 3:00:00 PM
Benzene	0.86	0.48		ug/m3	1	3/30/2021 3:00:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 3:00:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 3:00:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 3:00:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 3:00:00 PM
Carbon disulfide	0.37	0.47	J	ug/m3	1	3/30/2021 3:00:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	3/30/2021 3:00:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 3:00:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 3:00:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/30/2021 3:00:00 PM
Chloromethane	0.83	0.31		ug/m3	1	3/30/2021 3:00:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 3:00:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 3:00:00 PM
Cyclohexane	8.3	5.2		ug/m3	10	3/31/2021 4:12:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 3:00:00 PM
Ethyl acetate	2.2	0.54		ug/m3	1	3/30/2021 3:00:00 PM
Ethylbenzene	2.0	0.65		ug/m3	1	3/30/2021 3:00:00 PM
Freon 11	1.2	0.84		ug/m3	1	3/30/2021 3:00:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 3:00:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 3:00:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-004A

Client Sample ID: OA-MS/MSD
Tag Number: 218,1388
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.4	0.74		ug/m3	1	3/30/2021 3:00:00 PM
Heptane	6.5	0.61		ug/m3	1	3/30/2021 3:00:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 3:00:00 PM
Hexane	1.4	0.53		ug/m3	1	3/30/2021 3:00:00 PM
Isopropyl alcohol	34	3.7		ug/m3	10	3/31/2021 4:12:00 AM
m&p-Xylene	7.3	1.3		ug/m3	1	3/30/2021 3:00:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 3:00:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	3/30/2021 3:00:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 3:00:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 3:00:00 PM
Methylene chloride	1.5	0.52		ug/m3	1	3/30/2021 3:00:00 PM
o-Xylene	4.3	0.65		ug/m3	1	3/30/2021 3:00:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 3:00:00 PM
Styrene	5.0	0.64		ug/m3	1	3/30/2021 3:00:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 3:00:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 3:00:00 PM
Toluene	4.3	0.57		ug/m3	1	3/30/2021 3:00:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 3:00:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 3:00:00 PM
Trichloroethene	0.48	0.16		ug/m3	1	3/30/2021 3:00:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 3:00:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 3:00:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 3:00:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-005A

Client Sample ID: OA/-BACKGROUND
Tag Number: 225,377
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 5:22:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 5:22:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 5:22:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 5:22:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 5:22:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 5:22:00 PM
1,2,4-Trimethylbenzene	0.74	0.74		ug/m3	1	3/30/2021 5:22:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 5:22:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 5:22:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 5:22:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 5:22:00 PM
1,3,5-Trimethylbenzene	0.74	0.74		ug/m3	1	3/30/2021 5:22:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 5:22:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 5:22:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 5:22:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 5:22:00 PM
2,2,4-trimethylpentane	0.56	0.70	J	ug/m3	1	3/30/2021 5:22:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 5:22:00 PM
Acetone	21	7.1		ug/m3	10	3/31/2021 4:55:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 5:22:00 PM
Benzene	0.77	0.48		ug/m3	1	3/30/2021 5:22:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 5:22:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 5:22:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 5:22:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 5:22:00 PM
Carbon disulfide	0.34	0.47	J	ug/m3	1	3/30/2021 5:22:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	3/30/2021 5:22:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 5:22:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 5:22:00 PM
Chloroform	< 0.73	0.73		ug/m3	1	3/30/2021 5:22:00 PM
Chloromethane	0.76	0.31		ug/m3	1	3/30/2021 5:22:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 5:22:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 5:22:00 PM
Cyclohexane	7.6	5.2		ug/m3	10	3/31/2021 4:55:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 5:22:00 PM
Ethyl acetate	2.1	0.54		ug/m3	1	3/30/2021 5:22:00 PM
Ethylbenzene	1.8	0.65		ug/m3	1	3/30/2021 5:22:00 PM
Freon 11	1.2	0.84		ug/m3	1	3/30/2021 5:22:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 5:22:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 5:22:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-005A

Client Sample ID: OA/-BACKGROUND
Tag Number: 225,377
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	3/30/2021 5:22:00 PM
Heptane	6.8	0.61		ug/m3	1	3/30/2021 5:22:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 5:22:00 PM
Hexane	1.6	0.53		ug/m3	1	3/30/2021 5:22:00 PM
Isopropyl alcohol	33	3.7		ug/m3	10	3/31/2021 4:55:00 AM
m&p-Xylene	6.4	1.3		ug/m3	1	3/30/2021 5:22:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 5:22:00 PM
Methyl Ethyl Ketone	1.7	0.88		ug/m3	1	3/30/2021 5:22:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 5:22:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 5:22:00 PM
Methylene chloride	2.5	0.52		ug/m3	1	3/30/2021 5:22:00 PM
o-Xylene	3.7	0.65		ug/m3	1	3/30/2021 5:22:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 5:22:00 PM
Styrene	3.8	0.64		ug/m3	1	3/30/2021 5:22:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 5:22:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 5:22:00 PM
Toluene	4.1	0.57		ug/m3	1	3/30/2021 5:22:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 5:22:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 5:22:00 PM
Trichloroethene	0.59	0.16		ug/m3	1	3/30/2021 5:22:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 5:22:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 5:22:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 5:22:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-006A

Client Sample ID: SS-118
Tag Number: 162,378
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 10:32:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 10:32:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 10:32:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 10:32:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 10:32:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 10:32:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	3/30/2021 10:32:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 10:32:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 10:32:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 10:32:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 10:32:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 10:32:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 10:32:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 10:32:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 10:32:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 10:32:00 PM
2,2,4-trimethylpentane	1.0	0.70		ug/m3	1	3/30/2021 10:32:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 10:32:00 PM
Acetone	36	7.1		ug/m3	10	3/31/2021 5:23:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 10:32:00 PM
Benzene	2.8	0.48		ug/m3	1	3/30/2021 10:32:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 10:32:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 10:32:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 10:32:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 10:32:00 PM
Carbon disulfide	0.97	0.47		ug/m3	1	3/30/2021 10:32:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/30/2021 10:32:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 10:32:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 10:32:00 PM
Chloroform	1.5	0.73		ug/m3	1	3/30/2021 10:32:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/30/2021 10:32:00 PM
cis-1,2-Dichloroethene	1.6	0.59		ug/m3	1	3/30/2021 10:32:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 10:32:00 PM
Cyclohexane	21	5.2		ug/m3	10	3/31/2021 5:23:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 10:32:00 PM
Ethyl acetate	3.3	0.54		ug/m3	1	3/30/2021 10:32:00 PM
Ethylbenzene	2.3	0.65		ug/m3	1	3/30/2021 10:32:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/30/2021 10:32:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 10:32:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 10:32:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-006A

Client Sample ID: SS-118
Tag Number: 162,378
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.4	0.74		ug/m3	1	3/30/2021 10:32:00 PM
Heptane	14	6.1		ug/m3	10	3/31/2021 5:23:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 10:32:00 PM
Hexane	23	5.3		ug/m3	10	3/31/2021 5:23:00 PM
Isopropyl alcohol	48	3.7		ug/m3	10	3/31/2021 5:23:00 PM
m&p-Xylene	8.0	1.3		ug/m3	1	3/30/2021 10:32:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 10:32:00 PM
Methyl Ethyl Ketone	17	8.8		ug/m3	10	3/31/2021 5:23:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 10:32:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 10:32:00 PM
Methylene chloride	3.3	0.52		ug/m3	1	3/30/2021 10:32:00 PM
o-Xylene	4.3	0.65		ug/m3	1	3/30/2021 10:32:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 10:32:00 PM
Styrene	4.8	0.64		ug/m3	1	3/30/2021 10:32:00 PM
Tetrachloroethylene	3.1	1.0		ug/m3	1	3/30/2021 10:32:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 10:32:00 PM
Toluene	11	5.7		ug/m3	10	3/31/2021 5:23:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 10:32:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 10:32:00 PM
Trichloroethene	40	8.1		ug/m3	10	3/31/2021 5:23:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 10:32:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 10:32:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/30/2021 10:32:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-007A

Client Sample ID: IAB-118
Tag Number: 237,443
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	0.76	0.82	J	ug/m3	1	3/30/2021 6:07:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 6:07:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 6:07:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 6:07:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 6:07:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 6:07:00 PM
1,2,4-Trimethylbenzene	0.79	0.74		ug/m3	1	3/30/2021 6:07:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 6:07:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:07:00 PM
1,2-Dichloroethane	0.49	0.61	J	ug/m3	1	3/30/2021 6:07:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 6:07:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 6:07:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 6:07:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:07:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:07:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 6:07:00 PM
2,2,4-trimethylpentane	3.5	0.70		ug/m3	1	3/30/2021 6:07:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 6:07:00 PM
Acetone	15	7.1		ug/m3	10	3/31/2021 5:37:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 6:07:00 PM
Benzene	9.3	4.8		ug/m3	10	3/31/2021 5:37:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 6:07:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 6:07:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 6:07:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 6:07:00 PM
Carbon disulfide	0.34	0.47	J	ug/m3	1	3/30/2021 6:07:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	3/30/2021 6:07:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 6:07:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 6:07:00 PM
Chloroform	0.98	0.73		ug/m3	1	3/30/2021 6:07:00 PM
Chloromethane	1.1	0.31		ug/m3	1	3/30/2021 6:07:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 6:07:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 6:07:00 PM
Cyclohexane	22	5.2		ug/m3	10	3/31/2021 5:37:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 6:07:00 PM
Ethyl acetate	4.3	0.54		ug/m3	1	3/30/2021 6:07:00 PM
Ethylbenzene	2.4	0.65		ug/m3	1	3/30/2021 6:07:00 PM
Freon 11	1.7	0.84		ug/m3	1	3/30/2021 6:07:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 6:07:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 6:07:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-007A

Client Sample ID: IAB-118
Tag Number: 237,443
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	3/30/2021 6:07:00 PM
Heptane	9.4	6.1		ug/m3	10	3/31/2021 5:37:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 6:07:00 PM
Hexane	22	5.3		ug/m3	10	3/31/2021 5:37:00 AM
Isopropyl alcohol	50	15		ug/m3	40	3/31/2021 6:19:00 AM
m&p-Xylene	8.3	1.3		ug/m3	1	3/30/2021 6:07:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 6:07:00 PM
Methyl Ethyl Ketone	1.8	0.88		ug/m3	1	3/30/2021 6:07:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 6:07:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 6:07:00 PM
Methylene chloride	4.3	0.52		ug/m3	1	3/30/2021 6:07:00 PM
o-Xylene	4.6	0.65		ug/m3	1	3/30/2021 6:07:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 6:07:00 PM
Styrene	5.0	0.64		ug/m3	1	3/30/2021 6:07:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 6:07:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 6:07:00 PM
Toluene	14	5.7		ug/m3	10	3/31/2021 5:37:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 6:07:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 6:07:00 PM
Trichloroethene	0.70	0.16		ug/m3	1	3/30/2021 6:07:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 6:07:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 6:07:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 6:07:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-008A

Client Sample ID: IA1-118
Tag Number: 205,440
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	2.2	0.82		ug/m3	1	3/30/2021 6:51:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 6:51:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 6:51:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 6:51:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 6:51:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 6:51:00 PM
1,2,4-Trimethylbenzene	1.2	0.74		ug/m3	1	3/30/2021 6:51:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 6:51:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:51:00 PM
1,2-Dichloroethane	1.5	0.61		ug/m3	1	3/30/2021 6:51:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 6:51:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 6:51:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 6:51:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:51:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 6:51:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 6:51:00 PM
2,2,4-trimethylpentane	2.8	0.70		ug/m3	1	3/30/2021 6:51:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 6:51:00 PM
Acetone	23	7.1		ug/m3	10	3/31/2021 7:02:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 6:51:00 PM
Benzene	6.0	0.48		ug/m3	1	3/30/2021 6:51:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 6:51:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 6:51:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 6:51:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 6:51:00 PM
Carbon disulfide	0.50	0.47		ug/m3	1	3/30/2021 6:51:00 PM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	3/30/2021 6:51:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 6:51:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 6:51:00 PM
Chloroform	1.5	0.73		ug/m3	1	3/30/2021 6:51:00 PM
Chloromethane	0.97	0.31		ug/m3	1	3/30/2021 6:51:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 6:51:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 6:51:00 PM
Cyclohexane	23	5.2		ug/m3	10	3/31/2021 7:02:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 6:51:00 PM
Ethyl acetate	6.2	0.54		ug/m3	1	3/30/2021 6:51:00 PM
Ethylbenzene	3.6	0.65		ug/m3	1	3/30/2021 6:51:00 PM
Freon 11	1.5	0.84		ug/m3	1	3/30/2021 6:51:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 6:51:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 6:51:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-008A

Client Sample ID: IA1-118
Tag Number: 205,440
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	3/30/2021 6:51:00 PM
Heptane	14	6.1		ug/m3	10	3/31/2021 7:02:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 6:51:00 PM
Hexane	15	5.3		ug/m3	10	3/31/2021 7:02:00 AM
Isopropyl alcohol	68	15		ug/m3	40	3/31/2021 7:44:00 AM
m&p-Xylene	13	1.3		ug/m3	1	3/30/2021 6:51:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 6:51:00 PM
Methyl Ethyl Ketone	2.2	0.88		ug/m3	1	3/30/2021 6:51:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 6:51:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 6:51:00 PM
Methylene chloride	12	5.2		ug/m3	10	3/31/2021 7:02:00 AM
o-Xylene	6.9	0.65		ug/m3	1	3/30/2021 6:51:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 6:51:00 PM
Styrene	8.0	0.64		ug/m3	1	3/30/2021 6:51:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 6:51:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 6:51:00 PM
Toluene	15	5.7		ug/m3	10	3/31/2021 7:02:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 6:51:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 6:51:00 PM
Trichloroethene	0.81	0.16		ug/m3	1	3/30/2021 6:51:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 6:51:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 6:51:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 6:51:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-009A

Client Sample ID: IA1-130
Tag Number: 137,393
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	2.0	0.82		ug/m3	1	3/30/2021 7:35:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 7:35:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 7:35:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 7:35:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 7:35:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 7:35:00 PM
1,2,4-Trimethylbenzene	1.1	0.74		ug/m3	1	3/30/2021 7:35:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 7:35:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 7:35:00 PM
1,2-Dichloroethane	1.4	0.61		ug/m3	1	3/30/2021 7:35:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 7:35:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 7:35:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 7:35:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 7:35:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 7:35:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 7:35:00 PM
2,2,4-trimethylpentane	2.7	0.70		ug/m3	1	3/30/2021 7:35:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 7:35:00 PM
Acetone	26	7.1		ug/m3	10	3/31/2021 12:26:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 7:35:00 PM
Benzene	5.2	0.48		ug/m3	1	3/30/2021 7:35:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 7:35:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 7:35:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 7:35:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 7:35:00 PM
Carbon disulfide	0.40	0.47	J	ug/m3	1	3/30/2021 7:35:00 PM
Carbon tetrachloride	0.57	0.19		ug/m3	1	3/30/2021 7:35:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 7:35:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 7:35:00 PM
Chloroform	1.6	0.73		ug/m3	1	3/30/2021 7:35:00 PM
Chloromethane	0.93	0.31		ug/m3	1	3/30/2021 7:35:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 7:35:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 7:35:00 PM
Cyclohexane	29	5.2		ug/m3	10	3/31/2021 12:26:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 7:35:00 PM
Ethyl acetate	7.9	5.4		ug/m3	10	3/31/2021 12:26:00 PM
Ethylbenzene	3.3	0.65		ug/m3	1	3/30/2021 7:35:00 PM
Freon 11	1.6	0.84		ug/m3	1	3/30/2021 7:35:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 7:35:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 7:35:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-009A

Client Sample ID: IA1-130
Tag Number: 137,393
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	2.4	0.74		ug/m3	1	3/30/2021 7:35:00 PM
Heptane	12	6.1		ug/m3	10	3/31/2021 12:26:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 7:35:00 PM
Hexane	13	5.3		ug/m3	10	3/31/2021 12:26:00 PM
Isopropyl alcohol	99	15		ug/m3	40	3/31/2021 1:08:00 PM
m&p-Xylene	12	1.3		ug/m3	1	3/30/2021 7:35:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 7:35:00 PM
Methyl Ethyl Ketone	2.2	0.88		ug/m3	1	3/30/2021 7:35:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 7:35:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 7:35:00 PM
Methylene chloride	12	5.2		ug/m3	10	3/31/2021 12:26:00 PM
o-Xylene	6.6	0.65		ug/m3	1	3/30/2021 7:35:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 7:35:00 PM
Styrene	7.7	0.64		ug/m3	1	3/30/2021 7:35:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 7:35:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 7:35:00 PM
Toluene	11	5.7		ug/m3	10	3/31/2021 12:26:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 7:35:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 7:35:00 PM
Trichloroethene	0.91	0.16		ug/m3	1	3/30/2021 7:35:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 7:35:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 7:35:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 7:35:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-010A

Client Sample ID: SS-98
Tag Number: 336,448
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	3.5	0.82		ug/m3	1	3/30/2021 11:16:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 11:16:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 11:16:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 11:16:00 PM
1,1-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 11:16:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 11:16:00 PM
1,2,4-Trimethylbenzene	0.64	0.74	J	ug/m3	1	3/30/2021 11:16:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 11:16:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 11:16:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 11:16:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 11:16:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 11:16:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 11:16:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 11:16:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 11:16:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 11:16:00 PM
2,2,4-trimethylpentane	0.61	0.70	J	ug/m3	1	3/30/2021 11:16:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 11:16:00 PM
Acetone	25	7.1		ug/m3	10	3/31/2021 6:06:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 11:16:00 PM
Benzene	5.9	0.48		ug/m3	1	3/30/2021 11:16:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 11:16:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 11:16:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 11:16:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 11:16:00 PM
Carbon disulfide	3.8	0.47		ug/m3	1	3/30/2021 11:16:00 PM
Carbon tetrachloride	< 0.94	0.94		ug/m3	1	3/30/2021 11:16:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 11:16:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 11:16:00 PM
Chloroform	4.2	0.73		ug/m3	1	3/30/2021 11:16:00 PM
Chloromethane	< 0.31	0.31		ug/m3	1	3/30/2021 11:16:00 PM
cis-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 11:16:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 11:16:00 PM
Cyclohexane	39	5.2		ug/m3	10	3/31/2021 6:06:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 11:16:00 PM
Ethyl acetate	4.1	0.54		ug/m3	1	3/30/2021 11:16:00 PM
Ethylbenzene	2.4	0.65		ug/m3	1	3/30/2021 11:16:00 PM
Freon 11	1.1	0.84		ug/m3	1	3/30/2021 11:16:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 11:16:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 11:16:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-010A

Client Sample ID: SS-98
Tag Number: 336,448
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 BY METHOD TO15		TO-15		Analyst: RJP		
Freon 12	2.3	0.74		ug/m3	1	3/30/2021 11:16:00 PM
Heptane	14	6.1		ug/m3	10	3/31/2021 6:06:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 11:16:00 PM
Hexane	26	5.3		ug/m3	10	3/31/2021 6:06:00 PM
Isopropyl alcohol	57	3.7		ug/m3	10	3/31/2021 6:06:00 PM
m&p-Xylene	8.8	1.3		ug/m3	1	3/30/2021 11:16:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 11:16:00 PM
Methyl Ethyl Ketone	5.2	0.88		ug/m3	1	3/30/2021 11:16:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 11:16:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 11:16:00 PM
Methylene chloride	1.5	0.52		ug/m3	1	3/30/2021 11:16:00 PM
o-Xylene	4.9	0.65		ug/m3	1	3/30/2021 11:16:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 11:16:00 PM
Styrene	5.6	0.64		ug/m3	1	3/30/2021 11:16:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 11:16:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 11:16:00 PM
Toluene	8.3	5.7		ug/m3	10	3/31/2021 6:06:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 11:16:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 11:16:00 PM
Trichloroethene	1.7	0.81		ug/m3	1	3/30/2021 11:16:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 11:16:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 11:16:00 PM
Vinyl chloride	< 0.38	0.38		ug/m3	1	3/30/2021 11:16:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-011A

Client Sample ID: IAB-98
Tag Number: 555,381
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 8:20:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 8:20:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 8:20:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 8:20:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 8:20:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 8:20:00 PM
1,2,4-Trimethylbenzene	0.88	0.74		ug/m3	1	3/30/2021 8:20:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 8:20:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 8:20:00 PM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 8:20:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 8:20:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 8:20:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 8:20:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 8:20:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 8:20:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 8:20:00 PM
2,2,4-trimethylpentane	1.1	0.70		ug/m3	1	3/30/2021 8:20:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 8:20:00 PM
Acetone	23	7.1		ug/m3	10	3/31/2021 1:50:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 8:20:00 PM
Benzene	1.1	0.48		ug/m3	1	3/30/2021 8:20:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 8:20:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 8:20:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 8:20:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 8:20:00 PM
Carbon disulfide	0.44	0.47	J	ug/m3	1	3/30/2021 8:20:00 PM
Carbon tetrachloride	0.38	0.19		ug/m3	1	3/30/2021 8:20:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 8:20:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 8:20:00 PM
Chloroform	1.7	0.73		ug/m3	1	3/30/2021 8:20:00 PM
Chloromethane	0.89	0.31		ug/m3	1	3/30/2021 8:20:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 8:20:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 8:20:00 PM
Cyclohexane	18	5.2		ug/m3	10	3/31/2021 1:50:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 8:20:00 PM
Ethyl acetate	5.4	0.54		ug/m3	1	3/30/2021 8:20:00 PM
Ethylbenzene	2.9	0.65		ug/m3	1	3/30/2021 8:20:00 PM
Freon 11	3.0	0.84		ug/m3	1	3/30/2021 8:20:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 8:20:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 8:20:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-011A

Client Sample ID: IAB-98
Tag Number: 555,381
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	4.9	0.74		ug/m3	1	3/30/2021 8:20:00 PM
Heptane	7.6	0.61		ug/m3	1	3/30/2021 8:20:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 8:20:00 PM
Hexane	3.1	0.53		ug/m3	1	3/30/2021 8:20:00 PM
Isopropyl alcohol	69	15		ug/m3	40	3/31/2021 2:32:00 PM
m&p-Xylene	10	1.3		ug/m3	1	3/30/2021 8:20:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 8:20:00 PM
Methyl Ethyl Ketone	1.9	0.88		ug/m3	1	3/30/2021 8:20:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 8:20:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 8:20:00 PM
Methylene chloride	1.8	0.52		ug/m3	1	3/30/2021 8:20:00 PM
o-Xylene	5.6	0.65		ug/m3	1	3/30/2021 8:20:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 8:20:00 PM
Styrene	6.3	0.64		ug/m3	1	3/30/2021 8:20:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 8:20:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 8:20:00 PM
Toluene	6.4	0.57		ug/m3	1	3/30/2021 8:20:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 8:20:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 8:20:00 PM
Trichloroethene	0.81	0.16		ug/m3	1	3/30/2021 8:20:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 8:20:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 8:20:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 8:20:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-012A

Client Sample ID: IA1-98
Tag Number: 1188,454
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 9:04:00 PM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/30/2021 9:04:00 PM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/30/2021 9:04:00 PM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/30/2021 9:04:00 PM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 9:04:00 PM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/30/2021 9:04:00 PM
1,2,4-Trimethylbenzene	1.2	0.74		ug/m3	1	3/30/2021 9:04:00 PM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/30/2021 9:04:00 PM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:04:00 PM
1,2-Dichloroethane	0.40	0.61	J	ug/m3	1	3/30/2021 9:04:00 PM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/30/2021 9:04:00 PM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/30/2021 9:04:00 PM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/30/2021 9:04:00 PM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:04:00 PM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/30/2021 9:04:00 PM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/30/2021 9:04:00 PM
2,2,4-trimethylpentane	1.4	0.70		ug/m3	1	3/30/2021 9:04:00 PM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/30/2021 9:04:00 PM
Acetone	43	7.1		ug/m3	10	3/31/2021 3:15:00 PM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/30/2021 9:04:00 PM
Benzene	1.3	0.48		ug/m3	1	3/30/2021 9:04:00 PM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/30/2021 9:04:00 PM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/30/2021 9:04:00 PM
Bromoform	< 1.6	1.6		ug/m3	1	3/30/2021 9:04:00 PM
Bromomethane	< 0.58	0.58		ug/m3	1	3/30/2021 9:04:00 PM
Carbon disulfide	0.47	0.47		ug/m3	1	3/30/2021 9:04:00 PM
Carbon tetrachloride	0.44	0.19		ug/m3	1	3/30/2021 9:04:00 PM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/30/2021 9:04:00 PM
Chloroethane	< 0.40	0.40		ug/m3	1	3/30/2021 9:04:00 PM
Chloroform	1.5	0.73		ug/m3	1	3/30/2021 9:04:00 PM
Chloromethane	1.1	0.31		ug/m3	1	3/30/2021 9:04:00 PM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/30/2021 9:04:00 PM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 9:04:00 PM
Cyclohexane	19	5.2		ug/m3	10	3/31/2021 3:15:00 PM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/30/2021 9:04:00 PM
Ethyl acetate	7.1	0.54		ug/m3	1	3/30/2021 9:04:00 PM
Ethylbenzene	3.5	0.65		ug/m3	1	3/30/2021 9:04:00 PM
Freon 11	1.8	0.84		ug/m3	1	3/30/2021 9:04:00 PM
Freon 113	< 1.1	1.1		ug/m3	1	3/30/2021 9:04:00 PM
Freon 114	< 1.0	1.0		ug/m3	1	3/30/2021 9:04:00 PM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-012A

Client Sample ID: IA1-98
Tag Number: 1188,454
Collection Date: 3/25/2021
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	3.0	0.74		ug/m3	1	3/30/2021 9:04:00 PM
Heptane	11	6.1		ug/m3	10	3/31/2021 3:15:00 PM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/30/2021 9:04:00 PM
Hexane	4.2	0.53		ug/m3	1	3/30/2021 9:04:00 PM
Isopropyl alcohol	84	15		ug/m3	40	3/31/2021 3:57:00 PM
m&p-Xylene	13	1.3		ug/m3	1	3/30/2021 9:04:00 PM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 9:04:00 PM
Methyl Ethyl Ketone	4.2	0.88		ug/m3	1	3/30/2021 9:04:00 PM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/30/2021 9:04:00 PM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/30/2021 9:04:00 PM
Methylene chloride	2.2	0.52		ug/m3	1	3/30/2021 9:04:00 PM
o-Xylene	7.0	0.65		ug/m3	1	3/30/2021 9:04:00 PM
Propylene	< 0.26	0.26		ug/m3	1	3/30/2021 9:04:00 PM
Styrene	8.0	0.64		ug/m3	1	3/30/2021 9:04:00 PM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/30/2021 9:04:00 PM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/30/2021 9:04:00 PM
Toluene	7.5	5.7		ug/m3	10	3/31/2021 3:15:00 PM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/30/2021 9:04:00 PM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/30/2021 9:04:00 PM
Trichloroethene	0.97	0.16		ug/m3	1	3/30/2021 9:04:00 PM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/30/2021 9:04:00 PM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/30/2021 9:04:00 PM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/30/2021 9:04:00 PM

Qualifiers:	.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
	DL	Detection Limit	E	Estimated Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
	JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
	S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-013A

Client Sample ID: TRIP BLANK
Tag Number: 226
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
1,1,1-Trichloroethane	< 0.82	0.82		ug/m3	1	3/31/2021 12:40:00 AM
1,1,2,2-Tetrachloroethane	< 1.0	1.0		ug/m3	1	3/31/2021 12:40:00 AM
1,1,2-Trichloroethane	< 0.82	0.82		ug/m3	1	3/31/2021 12:40:00 AM
1,1-Dichloroethane	< 0.61	0.61		ug/m3	1	3/31/2021 12:40:00 AM
1,1-Dichloroethene	< 0.16	0.16		ug/m3	1	3/31/2021 12:40:00 AM
1,2,4-Trichlorobenzene	< 1.1	1.1		ug/m3	1	3/31/2021 12:40:00 AM
1,2,4-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/31/2021 12:40:00 AM
1,2-Dibromoethane	< 1.2	1.2		ug/m3	1	3/31/2021 12:40:00 AM
1,2-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/31/2021 12:40:00 AM
1,2-Dichloroethane	< 0.61	0.61		ug/m3	1	3/31/2021 12:40:00 AM
1,2-Dichloropropane	< 0.69	0.69		ug/m3	1	3/31/2021 12:40:00 AM
1,3,5-Trimethylbenzene	< 0.74	0.74		ug/m3	1	3/31/2021 12:40:00 AM
1,3-butadiene	< 0.33	0.33		ug/m3	1	3/31/2021 12:40:00 AM
1,3-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/31/2021 12:40:00 AM
1,4-Dichlorobenzene	< 0.90	0.90		ug/m3	1	3/31/2021 12:40:00 AM
1,4-Dioxane	< 1.1	1.1		ug/m3	1	3/31/2021 12:40:00 AM
2,2,4-trimethylpentane	< 0.70	0.70		ug/m3	1	3/31/2021 12:40:00 AM
4-ethyltoluene	< 0.74	0.74		ug/m3	1	3/31/2021 12:40:00 AM
Acetone	< 0.71	0.71		ug/m3	1	3/31/2021 12:40:00 AM
Allyl chloride	< 0.47	0.47		ug/m3	1	3/31/2021 12:40:00 AM
Benzene	< 0.48	0.48		ug/m3	1	3/31/2021 12:40:00 AM
Benzyl chloride	< 0.86	0.86		ug/m3	1	3/31/2021 12:40:00 AM
Bromodichloromethane	< 1.0	1.0		ug/m3	1	3/31/2021 12:40:00 AM
Bromoform	< 1.6	1.6		ug/m3	1	3/31/2021 12:40:00 AM
Bromomethane	< 0.58	0.58		ug/m3	1	3/31/2021 12:40:00 AM
Carbon disulfide	< 0.47	0.47		ug/m3	1	3/31/2021 12:40:00 AM
Carbon tetrachloride	< 0.19	0.19		ug/m3	1	3/31/2021 12:40:00 AM
Chlorobenzene	< 0.69	0.69		ug/m3	1	3/31/2021 12:40:00 AM
Chloroethane	< 0.40	0.40		ug/m3	1	3/31/2021 12:40:00 AM
Chloroform	< 0.73	0.73		ug/m3	1	3/31/2021 12:40:00 AM
Chloromethane	< 0.31	0.31		ug/m3	1	3/31/2021 12:40:00 AM
cis-1,2-Dichloroethene	< 0.16	0.16		ug/m3	1	3/31/2021 12:40:00 AM
cis-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/31/2021 12:40:00 AM
Cyclohexane	< 0.52	0.52		ug/m3	1	3/31/2021 12:40:00 AM
Dibromochloromethane	< 1.3	1.3		ug/m3	1	3/31/2021 12:40:00 AM
Ethyl acetate	< 0.54	0.54		ug/m3	1	3/31/2021 12:40:00 AM
Ethylbenzene	< 0.65	0.65		ug/m3	1	3/31/2021 12:40:00 AM
Freon 11	< 0.84	0.84		ug/m3	1	3/31/2021 12:40:00 AM
Freon 113	< 1.1	1.1		ug/m3	1	3/31/2021 12:40:00 AM
Freon 114	< 1.0	1.0		ug/m3	1	3/31/2021 12:40:00 AM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted

Centek Laboratories, LLC

Date: 05-Apr-21

CLIENT: Bergmann and Associates
Lab Order: C2103065
Project: Torrance Place Gowanda, NY
Lab ID: C2103065-013A

Client Sample ID: TRIP BLANK
Tag Number: 226
Collection Date:
Matrix: AIR

Analyses	Result	DL	Qual	Units	DF	Date Analyzed
1UG/M3 W/ 0.2UG/M3 CT-TCE-VC-DCE-1,1DCE		TO-15		Analyst: RJP		
Freon 12	< 0.74	0.74		ug/m3	1	3/31/2021 12:40:00 AM
Heptane	< 0.61	0.61		ug/m3	1	3/31/2021 12:40:00 AM
Hexachloro-1,3-butadiene	< 1.6	1.6		ug/m3	1	3/31/2021 12:40:00 AM
Hexane	< 0.53	0.53		ug/m3	1	3/31/2021 12:40:00 AM
Isopropyl alcohol	< 0.37	0.37		ug/m3	1	3/31/2021 12:40:00 AM
m&p-Xylene	< 1.3	1.3		ug/m3	1	3/31/2021 12:40:00 AM
Methyl Butyl Ketone	< 1.2	1.2		ug/m3	1	3/31/2021 12:40:00 AM
Methyl Ethyl Ketone	< 0.88	0.88		ug/m3	1	3/31/2021 12:40:00 AM
Methyl Isobutyl Ketone	< 1.2	1.2		ug/m3	1	3/31/2021 12:40:00 AM
Methyl tert-butyl ether	< 0.54	0.54		ug/m3	1	3/31/2021 12:40:00 AM
Methylene chloride	< 0.52	0.52		ug/m3	1	3/31/2021 12:40:00 AM
o-Xylene	< 0.65	0.65		ug/m3	1	3/31/2021 12:40:00 AM
Propylene	< 0.26	0.26		ug/m3	1	3/31/2021 12:40:00 AM
Styrene	< 0.64	0.64		ug/m3	1	3/31/2021 12:40:00 AM
Tetrachloroethylene	< 1.0	1.0		ug/m3	1	3/31/2021 12:40:00 AM
Tetrahydrofuran	< 0.44	0.44		ug/m3	1	3/31/2021 12:40:00 AM
Toluene	< 0.57	0.57		ug/m3	1	3/31/2021 12:40:00 AM
trans-1,2-Dichloroethene	< 0.59	0.59		ug/m3	1	3/31/2021 12:40:00 AM
trans-1,3-Dichloropropene	< 0.68	0.68		ug/m3	1	3/31/2021 12:40:00 AM
Trichloroethene	< 0.16	0.16		ug/m3	1	3/31/2021 12:40:00 AM
Vinyl acetate	< 0.53	0.53		ug/m3	1	3/31/2021 12:40:00 AM
Vinyl Bromide	< 0.66	0.66		ug/m3	1	3/31/2021 12:40:00 AM
Vinyl chloride	< 0.10	0.10		ug/m3	1	3/31/2021 12:40:00 AM

Qualifiers:

.	Results reported are not blank corrected	B	Analyte detected in the associated Method Blank
DL	Detection Limit	E	Estimated Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limit
JN	Non-routine analyte. Quantitation estimated.	ND	Not Detected at the Limit of Detection
S	Spike Recovery outside accepted recovery limits	SC	Sub-Contracted



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APPENDIX 3



LIMITATIONS FOR INVESTIGATION PROJECT WORK

1. While additional explorations will always better define the nature and extent of contamination at any given site, it is our professional opinion that soil and at the site has been sampled and analyzed for TO-15 at limited locations.
2. Environmental impairment of a property may result from activities such as illegal, unreported dumping, or sudden spilling of hazardous waste or materials. It should be noted that the presence of contaminants at a particular property may not always be apparent, and the completion of a SVI/IA investigation, Phase I, Phase II Environmental Site Assessment at select areas and sample intervals cannot provide a guarantee that contamination and or hazardous waste or regulated materials do not exist in media tested or at other areas on the Site that were not tested.
3. It should be noted that no subsurface exploration can be thorough enough to exclude the possible presence of, variation of chemical compounds, hazardous materials or wastes at a given site. In cases where contaminants have not been discovered through exploration, this should not be construed as a guarantee that contaminants do not exist. At a given site, environmental conditions may exist that cannot be identified by visual observation. Where sample collection and testing have been performed, Bergmann's professional opinions are based in part on the interpretation of data from discrete sampling locations that may not represent conditions at unsampled locations.
4. It is the nature of environmental site assessment work for soil conditions observed during future remediation to vary from the conditions identified during the site assessment explorations, even when the exploration program conforms to industry standards.



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APPENDIX 4

Soil Vapor/Indoor Air Matrix A

May 2017

Analytes Assigned:

Trichloroethene (TCE), *cis*-1,2-Dichloroethene (c12-DCE), 1,1-Dichloroethene (11-DCE), Carbon Tetrachloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
	< 0.2	0.2 to < 1	1 and above
< 6	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	4. No further action	5. MONITOR	6. MITIGATE
60 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX A

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix B

May 2017

Analytes Assigned:

Tetrachloroethene (PCE), 1,1,1-Trichloroethane (111-TCA), Methylene Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)		
	< 3	3 to < 10	10 and above
< 100	1. No further action	2. No Further Action	3. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
100 to < 1,000	4. No further action	5. MONITOR	6. MITIGATE
1,000 and above	7. MITIGATE	8. MITIGATE	9. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX B

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 1 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.

Soil Vapor/Indoor Air Matrix C

May 2017

Analytes Assigned:

Vinyl Chloride

SUB-SLAB VAPOR CONCENTRATION of COMPOUND (mcg/m ³)	INDOOR AIR CONCENTRATION of COMPOUND (mcg/m ³)	
	< 0.2	0.2 and above
< 6	1. No further action	2. IDENTIFY SOURCE(S) and RESAMPLE or MITIGATE
6 to < 60	3. MONITOR	4. MITIGATE
60 and above	5. MITIGATE	6. MITIGATE

No further action: No additional actions are recommended to address human exposures.

Identify Source(s) and Resample or Mitigate: We recommend that reasonable and practical actions be taken to identify the source(s) affecting the indoor air quality and that actions be implemented to reduce indoor air concentrations to within background ranges. For example, if an indoor or outdoor air source is identified, we recommend the appropriate party implement actions to reduce the levels. In the event that indoor or outdoor sources are not readily identified or confirmed, resampling (which might include additional sub-slab vapor and indoor air sampling locations) is recommended to demonstrate that SVI mitigation actions are not needed. Based on the information available, mitigation might also be recommended when soil vapor intrusion cannot be ruled out.

Monitor: We recommend monitoring (sampling on a recurring basis), including but not necessarily limited to sub-slab vapor, basement air and outdoor air sampling, to determine whether concentrations in the indoor air or sub-slab vapor have changed and/or to evaluate temporal influences. Monitoring might also be recommended to determine whether existing building conditions (e.g., positive pressure heating, ventilation and air-conditioning systems) are maintaining the desired mitigation endpoint and to determine whether changes are needed. The type and frequency of monitoring is determined based on site-, building- and analyte-specific information, taking into account applicable environmental data and building operating conditions. Monitoring is an interim measure required to evaluate exposures related to soil vapor intrusion until contaminated environmental media are remediated.

Mitigate: We recommend mitigation to minimize current or potential exposures associated with soil vapor intrusion. The most common mitigation methods are sealing preferential pathways in conjunction with installing a sub-slab depressurization system and changing the pressurization of the building in conjunction with monitoring. The type, or combination of types, of mitigation is determined on a building-specific basis, taking into account building construction and operating conditions. Mitigation is considered a temporary measure implemented to address exposures related to soil vapor intrusion until contaminated environmental media are remediated.

These general recommendations are made with consideration being given to the additional notes on page 2.

ADDITIONAL NOTES FOR MATRIX C

This matrix summarizes actions recommended to address current and potential exposures related to soil vapor intrusion. To use the matrix appropriately as a tool in the decision-making process, the following should be noted:

- [1] The matrix is generic. As such, it may be appropriate to modify a recommended action to accommodate analyte-specific, building-specific conditions (e.g., dirt floor in basement, crawl spaces, thick slabs, current occupancy, etc.), and/or factors provided in Section 3.2 of the guidance (e.g., current land use, environmental conditions, etc.). For example, collection of additional samples may be recommended when the matrix indicates "no further action" for a particular building, but the results of adjacent buildings (especially sub-slab vapor results) indicate a need to take actions to address exposures related to soil vapor intrusion. Mitigation might be recommended when the results of multiple contaminants indicate monitoring is recommended. Proactive actions may be proposed at any time. For example, the party implementing the actions may decide to install sub-slab depressurization systems on buildings where the matrix indicates "no further action" or "monitoring." Such an action might be undertaken for reasons other than public health (e.g., seeking community acceptance, reducing costs, etc.). However, actions implemented *in lieu* of sampling will typically be expected to be captured in the final engineering report and site management plan, and might not rule out the need for post-implementation sampling (e.g., to document effectiveness or to support terminating the action).
- [2] Actions provided in the matrix are specific to addressing human exposures. Implementation of these actions does not preclude investigating possible sources of soil vapor contamination, nor does it preclude remediating contaminated soil vapor or the source of soil vapor contamination.
- [3] Appropriate care should be taken during all aspects of sample collection to ensure that high quality data are obtained. Since the data are being used in the decision-making process, the laboratory analyzing the environmental samples must have current Environmental Laboratory Approval Program (ELAP) certification for the appropriate analyte and environmental matrix combinations. Furthermore, samples should be analyzed by methods that can achieve a minimum reporting limit of 0.20 microgram per cubic meter for indoor and outdoor air samples. For sub-slab vapor samples and dirt floor soil vapor samples, a minimum reporting limit of 1 microgram per cubic meter is recommended.
- [4] Sub-slab vapor and indoor air samples are typically collected when the likelihood of soil vapor intrusion is considered to be the greatest (i.e., worst-case conditions). If samples are collected at other times (typically, samples collected outside of the heating season), then resampling during worst-case conditions might be appropriate to verify that actions taken to address exposures related to soil vapor intrusion are protective of human health.
- [5] When current exposures are attributed to sources other than soil vapor intrusion, the agencies should be given documentation (e.g., applicable environmental data, completed indoor air sampling questionnaire, digital photographs, etc.) to support a proposed action other than that provided in the matrix box and to support agency assessment and follow-up.
- [6] The party responsible for implementing the recommended actions will differ depending upon several factors, including but not limited to the following: the identified source of the volatile chemicals, the environmental remediation program, and analyte-specific, site-specific and building-specific factors.



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ATTACHMENT 1

Torrance Place Indoor Air/ Subslab Vapor Sample Locations and Concentrations of TCE ($\mu\text{g}/\text{m}^3$)

SAMPLE LOCATION
MAP

90

Feet



Erie County, Gowanda, New York



AVM Gowanda #905025 - Sample Locations & Indoor/Subslab Concentrations of TCE (µg/m³)

Sample Location / Property Owner	Sample Date	Sub-slab Results	Basement Results	Action to Date	DOH Letter	Action Req'd.
Joseph Kobiolka RE: 48 Torrance 12630 Sisson Hwy. Lawtons, 14091 [716]532-2271	4/6/04	6.50	ND	No action required	6/7/2004	
Janet Spicolla 58 Torrance [716]532-1134	4/6/04 9/20/04	dirt floor NS	2.02 2.13	SSD system installed 7/05	6/7/2004	
Tim/Carol Ognen 64 Torrance [716]532-4183	4/6/04	resident stated no holes in slab	8.85	No action required	6/7/2004	
Alice Stiver 69 Torrance [716]532-7731	4/5/04 9/22/04	ND NS	ND ND	No action required	6/7/2004	
James Steever 74 Torrance [716]532-3817	4/6/04 9/22/04	13,000 NS	113 ND	SSD system installed 7/04	6/7/2004	
Sue Stelley 75 Torrance [716]532-2032 [716]532-8760 [w]	4/6/04	3,130	9.23	SSD system installed 7/04	6/7/2004	
Earl Clabeaux 84 Torrance [716]532-4563	4/6/04	resident stated no holes in slab	ND	No action required	6/7/2004	
Leo Polasik 85 Torrance [716]532-3166	4/6/04	17,100	113	SSD system installed 7/04	6/7/2004	

38 REQUESTS
18 systems installed
10 ND ACTION REQUIRED
10 DIONOS
RESERVED.

Ronald Clabeaux 87 Torrance [716]532-9494	4/5/04	166	14.40	SSD system installed 7/04	6/7/2004	
Day Ann Kennedy 91 Torrance [716]532-0816	Requires initial sampling					
Carol Shebley 95 Torrance [716]532-3494	2/14/05	2,100	2.2	SSD system installed 7/05	3/9/2005	
James/Carrie Fix 98 Torrance [716]951-7191 [716]532-3156	9/20/04	122	2.95	SSD system installed 7/05	2/11/2005	✓
John Ondus 99 Torrance [716]532-3275	Requires initial sampling					
Thomas/Linda Smith RE:103 Torrance 11929 Main St. Perrysburg 14129 [716]532-1499[?]	Requires initial sampling					
David Forthman 106 Torrance [no listing]	9/20/04	53	ND	No action required	1/26/2005	✓
Liam Lai Chu 110 Torrance [716]532-4163	Requires initial sampling					✗
Ryan/Amy Vogtli 114 Torrance [716]532-3319	2/14/05	2,800	19	SSD system installed 7/05	3/9/2005	✓

Nancy Smith 118 Torrance [716]532-4770	9/23/04	4,600	20.20	SSD system installed 7/05	1/26/2005	
Tom/Ioan Duffy 51 Chestnut [716]532-5091	2/14/05 Requested by Atty. Hirsch	11	ND	No action required	3/9/2005	
Roberta Raiport 56 Chestnut [no listing]	Requires initial sampling					
Ken/Deborah Steklasa 64 Chestnut [716]532-2870	Requires initial sampling					
Colleen Ernle 67 Chestnut [716]947-5312	2/14/05	8.1	ND	No action required	3/9/2005	
Onerva Badurek 70 Chestnut [716]532-2369	4/5/04	1,650	5.57	SSD system installed 7/04	6/7/2004	
Leonard/Mary Spencer 71 Chestnut [716]532-4097	9/20/04	121	ND	No action required	2/24/2005	
Walter/Cora Trumppore Denise Trupore /Brian Lisky 75 Chestnut [716]532-0156	9/20/04	290	ND	No action required	2/24/2005	
Richard Freeman 78 Chestnut [716]532-9711	9/22/04	dirt floor	25.70	SSD system installed 7/05	2/11/2005	
Joann Nixon/Eric Carroll 79-81 Chestnut [716]532-3312	Requires initial sampling					

Lorraine/Dwayne Richardson 84 Chestnut [716]532-0546	Requires initial sampling					
George/Barbara Smith Christine Smith 85 Chestnut [716]532-5804	Requires initial sampling					
David Fronzak 89 Chestnut [no listing]	4/7/04 dirt floor	149	No - resident to make basement repairs	6/7/2004		
Michael Wygant Christina Laskey 90 Chestnut [716]532-5457	9/22/04 17,000	11.10	SSD system installed 7/05	1/26/2005		
Andrew/Lauretta Washy 95 Chestnut [716]532-2250	9/20/04 1,600	2.24	SSD system installed 7/05	2/7/2005		
Sternad/Coventry Sean Brogan 96 Chestnut [716]532-2204	4/7/04 15,600	36.90	SSD system installed 7/04	6/7/2004		
Gregory Washy RE:101 Chestnut 212 Church St. Randolph 14772 [716]358-5373	9/20/04 dirt floor	4.32	SSD system installed 7/05	2/1/2005		
Michael Deangelis RE:106 Chestnut 4752 John Michael Way Hamburg 14075 [716]649-9996	10/26/04 149	3.50	SSD system installed 7/05	2/9/2005		
Meinda Kennedy 107 Chestnut [716]532-4175	Requires initial sampling					

Housing Options 75 Jamestown St. [office] Glen Hooten RE:113 Chestnut 10452 Maltbie Rd. Gowanda [716]532-5508	9/20/04	92.3	6.23	SSD system installed 7/05	1/26/2005	
Housing Options 75 Jamestown St. [office] Glen Hooten RE:114 Chestnut 10452 Maltbie Rd. Gowanda [716]532-5508	9/20/04	920	1.31	SSD system installed 7/05	2/3/2005	