APPLIED
ENVIRONMENTAL
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DOCUMENTATION OF DUE CARE COMPLIANCE

211 and 221 W. Grandview Parkway
Traverse City, Michigan 49684

Prepared for:

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June 29, 2023

AE Report #23-4426DC

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INTRODUCTION

This Documentation of Due Care Compliance (DDCC) Report is prepared on behalf of JS Traverse City, LLC (current owner) for the property with address 211 and 221 W. Grandview Parkway, Traverse City, Grand Traverse County, Michigan 49684, pursuant to the Natural Resources and Environmental Protection Act (NREPA), Michigan Public Act 451 of 1994, as amended. Please see Attachment 1: Figures - Figure 1 - Site Location Map.

The subject property parcel identification numbers are 28-51-658-036-00 (211 W. Grandview Parkway) and 28-51-658-035-00 (221 W. Grandview Parkway) and have been recently combined and are now parcel number 28-51-658-036-01.

The subject property is approximately 0.692 acre of land currently undeveloped. JS Traverse City, LLC has been the owner of the subject property since February 10, 2022. Please see Attachment 1: Figures – Figure 2 – Site Map. Also, see Attachment 2: Legal Description.

A Phase I Environmental Site Assessment (ESA) was conducted for the subject property by Applied Environmental, report dated January 27, 2022, which identified the following Recognized Environmental Conditions (RECs) and Controlled REC:

REC 1:

The user provided two Baseline Environmental Assessments (BEAs): one for address 211 West Grandview Parkway prepared by Applied EcoSystems in 2017 and one for addresses 207, 211, and 221 West Grandview Parkway prepared by TRC Environmental Corporation (TRC) in 2018. Based on a review of the user provided reports, documented facility-level contamination exists at the subject property in soil and groundwater related to historical use of the subject property and adjoining properties and a nearby conditions (i.e., Michigan Gas Utilities cyanide groundwater plume and brownfield sites). Historical use of the subject property and associated events or activities have included automotive service (i.e., in-ground hoists, paint spray booth, associated drains, etc.), and gasoline station operations (i.e., underground storage tanks, associated spill, etc.). The subject property's listing as a BEA site with documented facility-level contamination is a REC.

REC 2:

User provided reports completed for the subject property include soil and groundwater data collected during Leaking Underground Storage Tank (LUST) closure activities variously conducted between 1992 and 2007, during TRC's Supplemental Phase II ESA in 2018, and during removal of hoists at the subject property in 2018. A comparison of concentrations of contaminants in soil and groundwater at the subject property documented within user provided reports to the Michigan Department of Environment, Great Lakes, and Energy's (EGLE's) Volatilization to Indoor Air Pathway (VIAP) Screening Levels published in September 2020 revealed exceedances of the VIAP for soil and groundwater. Exceedances of the VIAP Screening Levels, which are indicative of a possible vapor intrusion issue within future subject buildings, are a REC.

CREC 1:

Three releases were reported for subject property address 211 West Grandview Parkway in January and February 1992, all of which were closed with a Tier I evaluation and use restrictions. A land use restriction in the form of a Notice of Aesthetic Impact was filed with the Grand Traverse County Register of Deeds on September 8, 2008. According to the notice, remedial activities related to the LUST closure resulted in hydrocarbon contamination below the EGLE Part 201/213 Generic Residential Cleanup Criteria (GRCC)/Tier I Risk-Based Screening Levels (RBSLs), except for hydrocarbon odor and visual impact (iron bacteria) in groundwater at several locations throughout the subject property. The closed LUST status of the subject property requiring a land use restriction in the former of a Notice of Aesthetic Impact is a CREC.

Previous Phase II ESAs conducted identified benzene, mercury, selenium, and tetrachloroethene in soil and cyanide in groundwater at concentrations exceeding one or more of the Part 201/213 GRCC/Tier I RBSLs. Applied Environmental conducted supplemental Phase II ESA activities on March 21-23, 2022, to determine the horizontal and vertical extent of contaminants previously identified in soil and to evaluate identified data gaps. The assessment consisted of advancing thirty-five soil borings (GP-1 through GP-35) to depths of 12 feet below surface grade. A total of sixty-seven soil and eleven groundwater samples were submitted to an independent testing laboratory and variously analyzed for volatile organic compounds (VOCs) by EPA Method 8260/5035, polynuclear aromatic hydrocarbons (PNAs) by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082 and/or 10 Michigan metals by EPA Method 7000 series. The investigation was intended to determine the horizontal and vertical extent of residual impacted areas in preparation for response activities.

JS Traverse City, LLC intends to construct a hotel at the subject property and the intent of the investigation performed by Applied Environmental was to determine the horizontal and vertical extent of residual impacted areas in preparation for response activities. The objective of the response activities were to eliminate the vapor intrusion exposure pathway by removing soils impacted above the EGLE provided site-specific Volatilization to Indoor Air Criteria, in addition to treating residual low level VOC impact in groundwater. Refer to Section 4.0 Completed Response Activities for additional information.

This report documents the measures JS Traverse City, LLC have taken to comply with the following due care obligations: i) 20107(1)(a)/21304c(1)(a) – Undertake measures as are necessary to prevent exacerbation; ii) 20107(1)(b)/21304c(1)(b) – Exercise due care by undertaking response activity necessary to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the facility in a manner that protects the public health and safety; iii) 20107(1)(c)/21304c(1)(b) – Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that foreseeably could result from those acts or omissions; iv) 20107(1)(d)/21304c(1)(d) – Provide reasonable cooperation, assistance, and access to the persons that are authorized to conduct response activities at the facility, including the cooperation and access necessary for the installation, integrity, operation, and maintenance of any complete or partial response activity at the facility. Nothing in this subdivision shall be interpreted to provide any right of access not expressly authorized by law, including access authorized pursuant to a warrant or a court

order, or to preclude access allowed pursuant to a voluntary agreement; v) 20107(1)(e)/21304c(1)(e) – Comply with any land use or resource use restrictions established or relied on in connection with the response activities at the facility; vi) 20107(1)(f)/21304c(1)(f) – Not impede the effectiveness or integrity of any land use or resource use restriction employed at the facility in connection with response activities.

1.0 DETAILED CHARACTERISTICS OF PROPERTY USE

1.1 Current and Proposed Uses of Property

The subject property is zoned C-4a – Regional Center. There are currently no buildings on the subject property. JS Traverse City, LLC intend to construct a hotel which will encompass the majority of the property.

1.2 Existing Infrastructure Features

The subject property consists of one (1) parcel of land containing approximately 0.692 acres in size. Natural gas, municipal water and sanitary sewer services are available in the adjoining right-of-ways and service connections to the hotel building will be completed during site construction activities. Electrical service will be provided by underground transmission lines to the west of the proposed building. Storm water will be connected to the municipal storm sewer system and is located to the north of the subject property in W. Grandview Parkway.

1.3 Recent or Proposed Construction or Demolition Activities

Proposed construction activities include the construction of a 24,308 ft² four-story hotel, 15,405 ft² underground parking structure, and a 2,187 ft² outdoor plaza. Construction activities will be commencing in summer/fall of 2023.

2.0 HAZARDOUS SUBSTANCE INFORMATION

Prior to the completion of response activities, the following chemicals were reported at concentrations that exceed one or more of the EGLE Part 201 GRCC/Part 213 RBSLs in soil: benzene, mercury, selenium, and tetrachloroethene. Prior to the completion of response activities, the following chemicals were reported at concentrations that exceed one or more of the EGLE Part 201 GRCC/Part 213RBSLs in groundwater: tetrachloroethene. The site is therefore designated as a “Facility/Property” as defined in Part 201/Part 213 of Michigan Public Act 451 of 1994, as amended. The following Table indicates the chemicals that exceed the EGLE Part 201/213 GRCC/Part 213 RBSLs prior to the completion of response activities.

TABLE 1 – Chemicals Exceeding Part 201 Residential Criteria for Soil Prior to Response Activities				
Chemical Name	**CAS #**	**Detected Concentrations**	**Sample Location and Depth**	**Criteria Exceeded**
Benzene	71432	120 µg/Kg	SB-9 (4-5') - removed	DWP
Mercury, total	7439-97-6	72 µg/Kg	SB-5 (0-1') – removed	GSIP
		110 µg/Kg	Dup-04/SB-5 (0-1') - removed	
		180 µg/Kg	SB-9 (4-5') - removed	
		110 µg/Kg	SB-10 (0-1') – state default = 130	
		110 µg/Kg	SB-11 (4-5') – state default = 130	
Selenium	7782492	500 µg/Kg	SB-9 (0-1') – removed	GSIP
		560 µg/Kg	SB-10 (0-1') – 2015 BG = 1,000	
Tetrachloroethene	127184	930 µg/Kg	SB-5 (0-1') - removed	DWP
		102 µg/Kg	GP-16 (4-5') - removed	DWP

DWP = Drinking Water Protection Criteria
GSIP = Groundwater Surface Water Interface Protection Criteria

TABLE 2 – Chemicals Exceeding Part 201 Residential Criteria for Groundwater Prior to Response Activities				
Chemical Name	**CAS #**	**Detected Concentrations**	**Sample Location and Depth**	**Criteria Exceeded**
Cyanide, total	57125	47 µg/L	TMW-6 (8-13')	GSI
Tetrachloroethene	127184	31 µg/L	TMW-5 (8-13')	DW

GSI = Groundwater Surface Water Interface Criteria

Response activities performed in September 2022 have removed all VOC impacted soils from soil boring locations SB-5, SB-9 and GP-16 from Table 1 above. Please note: Applied Environmental utilized the Statewide Default Background Concentration for mercury (130 µg/kg) and the 2015 Michigan Background Soil Survey, Michigan Glacial Lobe for sand for selenium (1,000 µg/kg, 2 standard deviations).

With regards to the cyanide concentration at TMW-6 which was collected by TRC in March 2018, Environmental Consulting & Technology, Inc. (ECT) conducted additional investigation in the area which included the 211 and 221 W. Grandview Parkway properties. The additional investigation was funded by a U.S. EPA Brownfield Revolving Loan Fund loan via the Michigan Land Bank Fast Track Authority and was administered through Grand Traverse County. The purpose of the investigation was to verify whether previously observed cyanide concentrations in groundwater had been affected by the development dewatering activities at the western adjoining property (263 W. Grandview Parkway – Hotel Indigo) and whether it may be affected by future development activities in the immediate area. The results of the investigation were presented in a report title Design Data Acquisition Report TC Place Brownfield Area dated June 18, 2018.

As part of the additional investigation, four monitoring wells were installed on the 211 and 221 W. Grandview Parkway property (MW-8s, MW-8d, MW-9, and MW-10). Note that MW-8s and MW-8d were installed in close proximity to the TMW-6 location. Monitoring wells were sampled on a quarterly basis from June 2017 through March 2018. All three sampling events indicated that available cyanide was not reported above its laboratory reporting limit (RL) in any of the monitoring wells on the 211 or 221 W. Grandview Parkway property. The conclusion of the report states the results suggest that dewatering from the TC Place Brownfield Area (western adjoining property) have reduced the extent of available cyanide concentrations

above the EGLE Cleanup Criteria and that future development activities will not adversely impact the migration of available cyanide to the development area or Grand Traverse Bay.

The chemicals in Table 3 were reported in groundwater following the response activities and seven consecutive monthly groundwater monitoring events at concentrations that exceed the EGLE Part 201 GRCC/Part 213 RBSLs. No chemicals were reported in soil above the Part 201 GRCC/Part 213 RBSLs following the completion of the response activities.

TABLE 3 – Chemicals Exceeding Part 201 Residential Criteria for Groundwater After Response Activities				
Chemical Name	**CAS #**	**Detected Concentrations**	**Sample Location and Depth**	**Criteria Exceeded**
Iron	7439896	9,700 µg/L	MW-7 (6-11')	DW
		1,070 µg/L	MW-8 (6-11')	DW
		900 µg/L	MW-9 (6-11')	DW

DW = Drinking Water Criteria

2.1 Levels and Location of Known Contamination

2.1.1 Soil and Groundwater Contamination

Table 3 list the chemical reported in groundwater at the subject property that was found to exceed the EGLE Part 201 GRCC/Part 213 RBSLs. Soil boring and monitoring well locations from all the site assessments performed at the subject property are shown on Figures 3 through 5 in Attachment 1. Also refer to Tables in Attachment 3.

3.0 Exposure Pathways

The subject property is currently zoned C-4a – Regional Center and is currently structurally vacant, however, construction activities are anticipated to begin in summer/fall 2023 and the subject property will be occupied by a hotel. Based on the identified use of the property, the applicable EGLE criteria in determining relevant human exposures are the *Residential* Cleanup Criteria. The known remaining contaminants were compared to EGLE Part 201/213 *Residential* Generic Cleanup Criteria and only iron in groundwater exceeds the EGLE Part 201 GRCC/Part 213 RBSL for Drinking Water only.

3.1 Drinking Water Pathway

This pathway is relevant for any site where groundwater is in an aquifer, or where groundwater could transport contaminants to an aquifer. During the completion of the Phase II ESA soil borings and subsequent response activities, groundwater was encountered across the subject property at depths ranging from 9 to 10 feet below grade within an unconfined sand formation. Upon completion of construction activities, the subject property along with all the surrounding area, will be connected to the municipal water system and there will be no potable water wells utilized on the subject property. Therefore, the drinking water exposure pathway does not present an unacceptable exposure risk to current or future occupants of the subject property and will not require response activities at this time. If a shallow drinking water well is ever installed at the

subject property, this pathway may become complete and response activities may be warranted at that time.

3.2 Groundwater Surface Water Interface (GSI) Pathway

This pathway is relevant for any site where a hazardous substance(s) is reasonably expected to vent to surface water at concentrations that exceed the EGLE Part 201 GRCC/Part 213 RBSLs for GSI or impacted groundwater infiltrates an on-site storm sewer catch basin structure or storm sewer underground piping which could then discharge to a surface water body. There is no surface water body located at the subject property, however, Grand Traverse Bay is located approximately 380 feet north of the subject property. Following the completion of response activities, no contaminants were reported in soil or groundwater at concentrations that exceed the EGLE Part 201 GRCC/Part 213 RBSLs for GSI, therefore, the GSI exposure pathway is not relevant and does not present an unacceptable exposure risk to current or future occupants of the subject property. Furthermore, GSI is not a known human exposure pathway and no unacceptable exposures exist through this pathway and therefore no response activities are required at this time.

3.3 Vapor Intrusion Pathway

The soil volatilization to indoor air exposure pathway is relevant for any property that has a source of volatile compounds in subsurface soil or groundwater and a building present. Prior to the completion of response activities at the subject property, exceedances of the EGLE provided Site-Specific Volatilization to Indoor Air Criteria were present in soil at SB-5 (0-1') and SB-9 (4-5') for mercury, at SB-9 (4-5') for benzene, ethylbenzene and xylenes, and at SB-5 (0-1'), GP-16 (4.5-5.5'), GP-16 (8.5-9.5'), and GP-23 (1.5') for tetrachloroethene. In addition, prior to the completion of response activities, exceedances of the EGLE provided Site-Specific Volatilization to Indoor Air Criteria were also present in groundwater at SB/TW-5 for tetrachloroethene and trichloroethene, GP-20/TW for cis-1,2-dichloroethene, GP-26/TW for benzene, and GP-35/TW for tetrachloroethene. All these locations were effectively remediated through the excavation of impacted soil and groundwater remediation was completed utilizing colloidal activated carbon coupled with in-situ chemical reduction. Based on the results of the response activities, there no longer appears to be a potential unacceptable exposure through this pathway and no response actions are warranted at this time. Refer to Section 4.0 Completed Response Activities.

3.4 Soil Direct Contact

This pathway is relevant for the subject property but is not considered complete because no contaminants were reported at concentrations above this criterion, therefore unacceptable exposure through this pathway is not expected and no response activities are required at this time.

3.5 Ambient Air Volatile Soil Inhalation Pathway

This pathway is relevant for the subject property but is not considered complete because no contaminants were reported at concentrations above this criterion, therefore unacceptable exposure through this pathway is not expected and no response activities are required at this time.

3.6 Particulate Soil Inhalation Pathway

This pathway is relevant for the subject property but is not considered complete because no contaminants were reported at concentrations above this criterion, therefore unacceptable exposure through this pathway is not expected and no response activities are required at this time.

4.0 COMPLETED RESPONSE ACTIVITIES

Response activities were completed at the subject property with the goal of eliminating the vapor intrusion exposure pathway in soil and groundwater. The response activities are described below:

4.1 Remedial Excavation

On September 16 through 23, 2022, Applied Environmental supervised the excavation of 3,016.92 tons of impacted soil from two separate excavation areas (Excavation Area One and Two). The excavation was completed by Molon Excavating, Inc. and all excavated soil was transported and disposed of at Waste Management Glen's Sanitary Landfill in Maple City, Michigan. Refer to Attachment 4 for a copy of the waste manifests/landfill weight tickets.

Excavation Area One was centrally located on the 221 W. Grandview Parkway parcel and encompassed an approximate area of 45' x 40' and extended to a depth of 7 feet. Following the excavation, Applied Environmental collected six verification of remediation soil samples from the sidewalls, and five soil samples from the floor of the excavation. Eleven soil samples were submitted to Quantum Laboratories in Wixom, Michigan for analysis of VOCs by EPA Method 8260. The laboratory analytical results indicated that no VOCs were reported above their respective laboratory Reporting Limits (RLs) in any of the samples submitted for laboratory analysis. Refer to 6 – Excavation Area One Verification Sampling Locations with Laboratory Results.

Excavation Area Two was located on the northeast portion of 211 W. Grandview Parkway and encompassed an approximate area of 75' x 65' and the excavation extended vertically to the water table. Following the excavation, Applied Environmental collected eight verification of remediation soil samples from the sidewalls of the excavation. Since the excavation extended to the water table, no excavation floor samples were collected. Eight soil samples were submitted to Quantum Laboratories in Wixom, Michigan for analysis of VOCs by EPA Method 8260. The laboratory analytical results indicated that all VOCs were reported either below their respective laboratory RLs or below the EGLE Part 201 GRCC. Refer to Figure 7 – Excavation Area Two Verification

Sampling Locations with Laboratory Results. Also, refer to Attachment 3 for data tables and a copy of the laboratory results.

4.2 Groundwater Remediation

Following the remedial excavation in Excavation Area Two, prior to backfilling, on September 21 through 23, 2022, groundwater remediation products were applied directly to the water table by Regenesis with oversight provided by Hamp, Mathews & Associates, Inc. for the purpose of short-term reduction of the low-level chlorinated solvent contamination in groundwater. The remediation products consisted of colloidal activated carbon (PlumeStop®) coupled with in-situ chemical reduction via sulfidated micro zero-valent iron (S-MicroZVI®) and were mixed into the top three-feet of the saturated zone using the excavator. Prior to implementing, the in-situ remediation plan was submitted to the EGLE Remediation and Redevelopment Division (RRD) for approval and was vetted by the EGLE In-Situ Peer Review Technical and Program Support (TAPS) Team.

Approximately two weeks following the application of remediation products, Applied Environmental installed nine monitoring wells throughout Excavation Area Two and 15 soil-gas wells across the subject property to 1) document the reduction of contaminants in groundwater, and 2) document the absence/presence of chlorinated vapor in the subsurface within the proposed building footprint and footprint of the proposed underground parking structure.

4.3 Groundwater and Soil-Gas Monitoring

Following the application of remediation products, on October 5, 2022, nine monitoring wells (MW-1 through MW-9) were installed within Excavation Area Two. All monitoring wells were constructed of two-inch diameter PVC, and five-foot long 0.010 slotted screens set to bisect the water table. In addition, on October 6, 2022, 15 soil-gas wells (SG-1 through SG-15) were installed across the property constructed of one-inch diameter PVC and a six-inch length of screen. Applied Environmental collected groundwater and soil-gas samples on a monthly basis from October 2022 through April 2023 (seven total sampling events) to document the progress of groundwater remediation and to verify the absence of chlorinated vapors in the subsurface. Groundwater and soil-gas samples were submitted to a laboratory for analysis of VOCs by EPA Method 8260 and TO-15, respectively. As monthly groundwater sampling progressed, only two of the monitoring wells (MW-5 and MW-6) had concentrations of chlorinated compounds above the EGLE provided Site-Specific Volatilization to Indoor Air Criteria (SSVIC). Over the course of the groundwater sampling, the contaminants were reduced to below the SSVIC. The results of the soil-gas sampling revealed that no chlorinated compounds were detected above their respective SSVIC in any of the sampling events.

Refer to Figures 8 and 9 – Monitoring Well Locations with Laboratory Results, and Soil-Gas Sampling Locations. Also, refer to Attachment 3 for data tables and a copy of the laboratory results.

5.0 EVALUATION AND DEMONSTRATION OF COMPLIANCE WITH SECTION 7A OBLIGATIONS

This section details how the proposed use of the property satisfies the owner's Due Care obligations under Section 7a(1)(a), (b), (c), (d), (e) and (f)/Section 21304c(1)(a), (b), (c), (d), (e) and (f) and/or MCLA 324.20114b(3).

5.1 Exacerbation

The subject property will be developed as a hotel with construction to begin in approximately summer/fall of 2023. With the removal of impacted soil, exacerbation will not occur during site construction activities. Exacerbation is defined as the occurrence of (1) an activity undertaken by an owner or operator that causes the existing contamination to migrate beyond the property boundaries or (2) a change in facility conditions that increases response activity costs, caused by an activity undertaken by the owner or operator of the property.

Previously identified impacted soils have been excavated and disposed of at a Type II landfill and verification sampling has confirmed that no residual contamination was detected above the EGLE Part 201 GRCC/Part 213 RBSLs. In the event that other areas of impacted soil not previously identified are discovered during site construction activities, JS Traverse City, LLC will adhere to the Soil Management Plan to prevent potential exacerbation from occurring. The Soil Management Plan is included in Attachment 5.

The Soil Management Plan states that any soils excavated/trenched or otherwise brought to the surface on the subject property, requires handling in a manner that protects human health and does not spread contamination to uncontaminated areas. All soils excavated/trenched or otherwise brought to the surface during future site construction, utility repair, maintenance, or installation, are required to be either:

1. Characterized to determine whether the soil is contaminated. If the soil is absent contamination, it can be used at the owner's discretion. Any laboratory analytical data used for characterization should be retained as due care documentation; or
2. Stored in a roll-off box for subsequent disposal at a licensed landfill, or prior to being returned to their place of origin; or
3. Temporarily stored at the surface on 6 mil plastic sheeting for subsequent disposal, or prior to being returned to their place of origin. If soils are to remain at the surface overnight, they will be covered and secured with 6 mil plastic sheeting to prevent dermal contact, rain water leaching and/or run-off; or
4. Loaded directly into trucks for immediate disposal at a licensed landfill. If this option is used, dust suppression, such as a water sprayer, will need to be on-site at all times to prevent contaminated surface soils from becoming airborne particulate and subsequently inhaled or ingested.

Temporary groundwater dewatering will be necessary to install the underground parking structure. Applied Environmental and Hamp, Mathews & Associates, Inc. verified with Mr. Tarek Buckmaster of the EGLE, Water Resources Division that a permit under the National Pollution Discharge Elimination System (NPDES) was not required. According to Mr. Buckmaster, the dewatering well(s) will need to comply with any soil erosion and sedimentation (SESC) requirements for the site and the narrative standard of R 323.1050.

The requirements of the SESC program can be found at:
https://www.michigan.gov/egle/0,9429,7-135-3311_4113---,00.html

R 323.1050 Physical characteristics.
Rule 50. The surface waters of the State shall not have any of the following physical properties in unnatural quantities which are or may become injurious to any designated use:
(a) Turbidity.
(b) Color.
(c) Oil films.
(d) Floating solids.
(e) Foams.
(f) Settleable solids.
(g) Suspended solids.
(h) Deposits.

Due to the iron concentrations in groundwater, a filter bag may be required prior to discharge.

Documentation of any additional response activities will be kept with this Documentation of Due Care Compliance Report which will include written documentation describing the response activities performed along with any additional laboratory results or disposal manifests(s), if warranted.

5.2 Due Care

No response activities have been determined to be necessary to further evaluate or prevent or mitigate an unacceptable exposure at the subject property.

5.3 Reasonable Precautions

The following precautions were taken, and will be taken in the future, against the reasonably foreseeable acts or omissions of third parties, satisfying the requirements of Section 7a (1)(c)/Section 21304c(1):

- Contractors conducting any future subsurface work at the subject property will be given a copy of the Notice to Construction & Utility Workers - Environmental Information Sheet. Appropriate delivery and acknowledgement of that delivery will include their signature and date on the notice. They will receive a copy and JS Traverse City, LLC will retain the original for documentation of due

care compliance. The Notice to Construction & Utility Worker – Environmental Information Sheet is included in Attachment 6.

In compliance with the Soil Management Plan, if during any future site activities unexpected evidence of contamination is encountered through visual and/or olfactory means during site redevelopment, subsurface construction or repair activities, such contamination shall be adequately characterized, (if sufficient data does not already exist) and managed in accordance with applicable requirements, guidelines, and rules of state and federal law, including, but not limited to Part 111, Part 115, Part 121, Part 201, Part 211, and Part 213 of Act 451. In addition, appropriate action will be taken in accordance with applicable laws and regulations to prevent or abate a release or threat of a release.

If any subsurface work is performed at the subject property in the future, the Notice to Construction Worker & Utility Work Environmental Information Sheet must be provided to any contractor/subcontractor/employee performing the work.

The precautions described above will be taken against the reasonable foreseeable acts or omissions of a third party and have been demonstrated to be effective in satisfying the requirements of Section 7a.

5.4 Reasonable Cooperation, Assistance & Access

JS Traverse City, LLC will provide reasonable cooperation, assistance, and access to the persons that are authorized to conduct response activities at the facility, if warranted.

5.5 Comply with any Land Use or Resource Use Restrictions

As part of a LUST Closure Report completed by Otwell Mawby in March 2008, a Notice of Aesthetic Impact was recorded with the Grand Traverse County Register of Deeds for the 211 W. Grandview Parkway property. According to the document, groundwater monitoring has demonstrated that site groundwater has been remediated to below the MDEQ (now EGLE) established Health Based and Aesthetic Criteria, although aesthetic impact in the form of hydrocarbon odor and visual (iron bacteria) impact in the groundwater is present at several locations at the site. The Notice goes on to state that the groundwater exhibits an adverse taste and/or hydrocarbon odor though no regulated substance(s) have been identified which exceed either the health-based or aesthetic criteria. Based on groundwater analysis, these impacts are not expected to have any adverse health effects. Owners of property subject to this Notice are ineligible for State assistance for water supply replacement when the concentration of regulated substance(s) in the supply may exceed criteria but is below, and will remain below, health-based drinking water criteria.

JS Traverse City, LLC will comply with the Notice of Aesthetic Impact and intend to obtain drinking water from a municipal source as part of the site redevelopment. A drinking water well will not be installed as part of the redevelopment. There are currently no other land or resource use restrictions for the subject property.

5.6 Not Impede the Effectiveness or Integrity of any Land Use or Resource Use Restriction

See Section 5.5 above. JS Traverse City, LLC will not impede the effectiveness or integrity of the Notice of Aesthetic Impact filed with the Grand Traverse County Register of Deeds for the 211 W. Grandview Parkway property.

6.0 WORKS CONSULTED

Applied Environmental. Phase I ESA for 211 and 221 W. Grandview Parkway, Traverse City, Michigan 49684. Report#21-44261PI. January 27, 2022.

Applied Environmental. Baseline Environmental Report for JS Traverse City, LLC, 211 and 221 W. Grandview Parkway, Traverse City, Michigan 49684. Report#22-4426BEA. March 23, 2022.

TRC Environmental Corporation. Supplemental Phase II Environmental Site Assessment for Proposed "Grandview Place" Development. 207, 211, 221 West Grandview Parkway, Traverse City, Michigan. Reference No. 282922. June 2018.

Otwell Mawby. LUST Closure Report for Gilbert's Service Station, 211 W. Grandview Parkway, Traverse City, MI 49684.

Environmental Consulting & Technology, Inc. Design Data Acquisition Report, TC Place Brownfield Area, Traverse City, MI 49684.

6.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

Applied Environmental has prepared this document to analyze and summarize the due care obligations of JS Traverse City, LLC; the owner and operator of the subject property. This report was prepared for JS Traverse City, LLC and is intended solely for their use. The undersigned environmental professionals contributed to this report.

Respectfully, Dated: June 29, 2023

APPLIED ENVIRONMENTAL

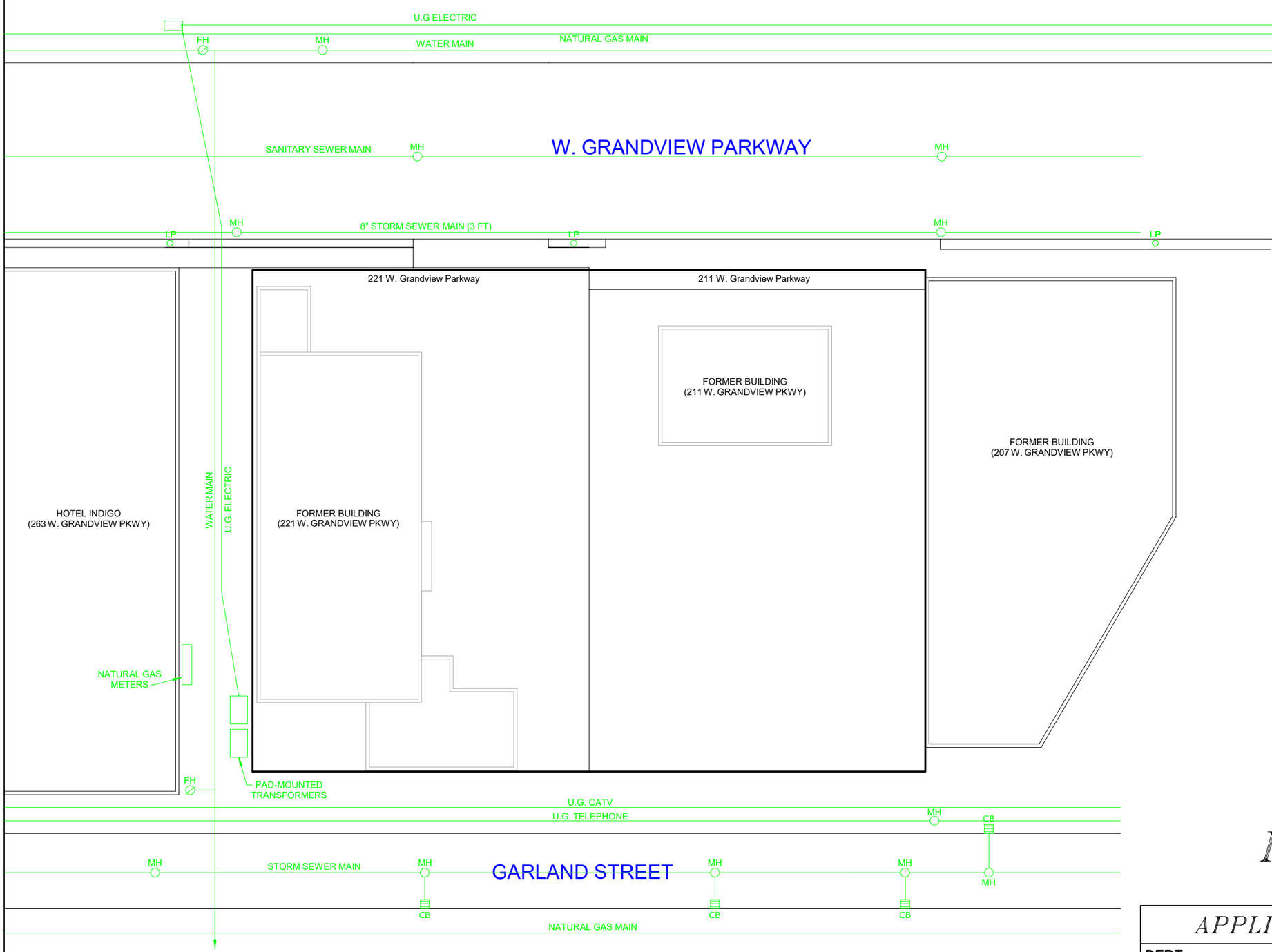
Michael Gatien
Principal, Senior Project Manager

Jason Vertrees
President

ATTACHMENT 1: Figures

Figure 1
Site Location Map

APPLIED ENVIRONMENTAL 1210 North Maple Rd. Ann Arbor, MI 48103 (734) 975-1970	**211 and 221 West Grandview Parkway** **Traverse City, Michigan** **AE Project No. 23-4426DC**	**North** **Scale: Unknown** **Source: Bing Maps**



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Scale: 1" = 30'

Legend

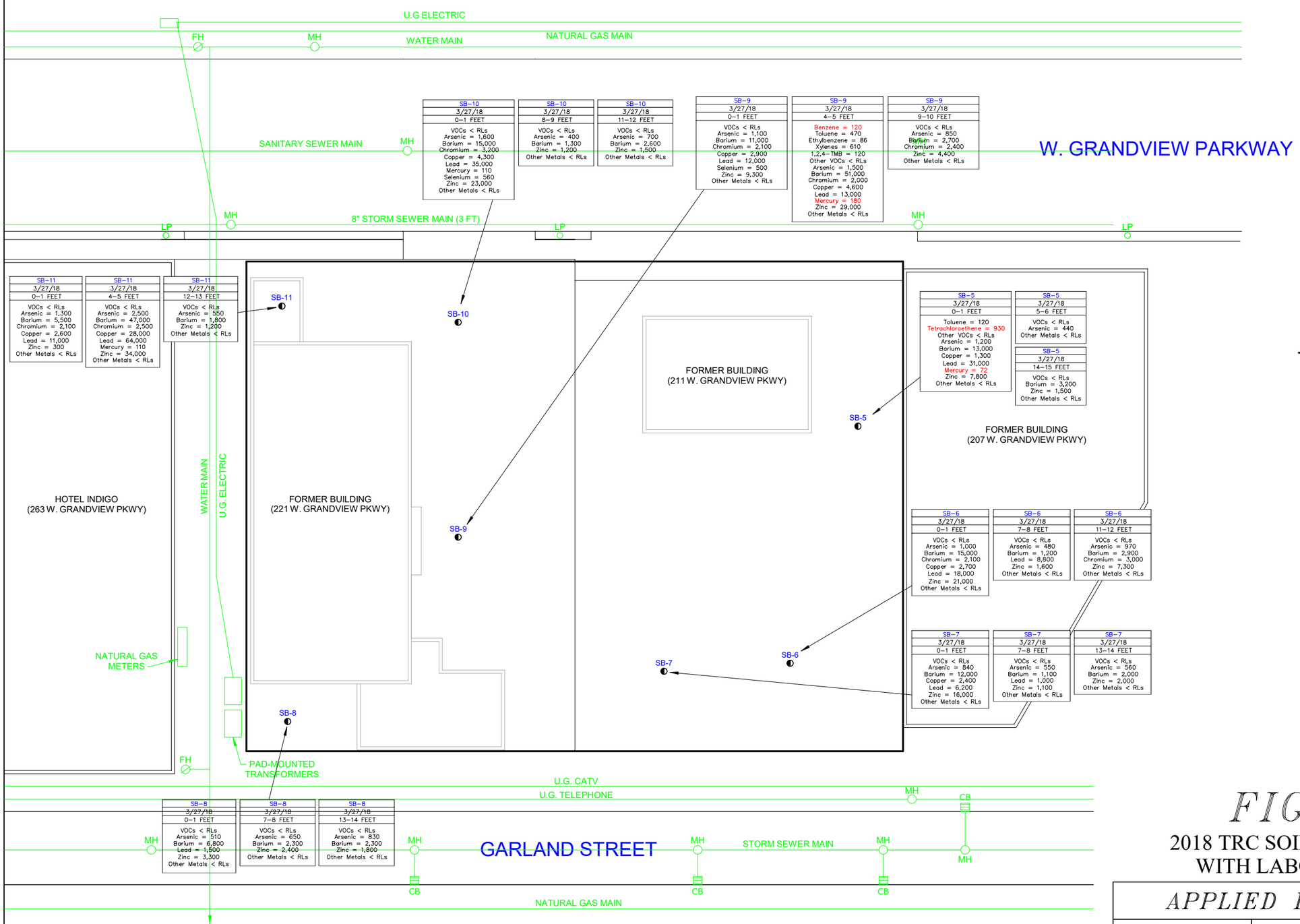
- Approximate Subject Property Boundary
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

FIGURE 2

SITE MAP

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: SITE MAP	DATE: 9/23/22
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23-4426



Scale: 1" = 30'

Legend

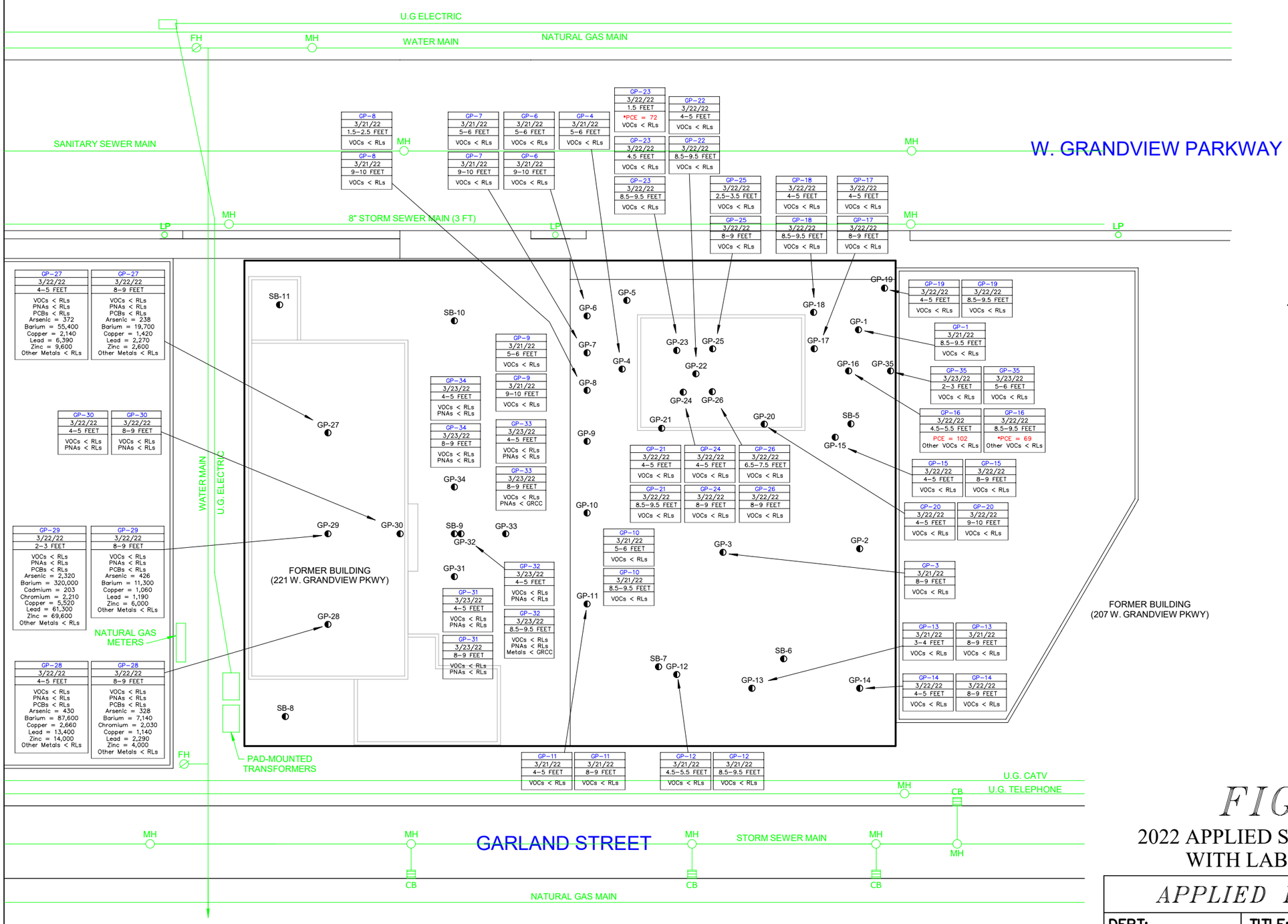
- Approximate Subject Property Boundary
- GP-1 — Geoprobe Soil Boring Location (completed by Applied Env. 2022)
- SB-9 — Geoprobe Soil Boring Location (completed by TRC 2018)
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

FIGURE 3

2018 TRC SOIL BORING LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: SOIL RESULTS	DATE: 3/27/18
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23–4426



N

S

Scale: 1" = 30'

Legend

- Approximate Subject Property Boundary
- GP-1 — Geoprobe Soil Boring Location (completed by Applied Env. 2022)
- SB-9 — Geoprobe Soil Boring Location (completed by TRC 2018)
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

All soil results in ug/kg.

VOCs - Volatile Organic Compounds
PNAs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
RLs - Laboratory Reporting Limits

RED COLORED CONCENTRATIONS INDICATE LEVELS THAT EXCEED ONE OR MORE OF THE EGLE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA

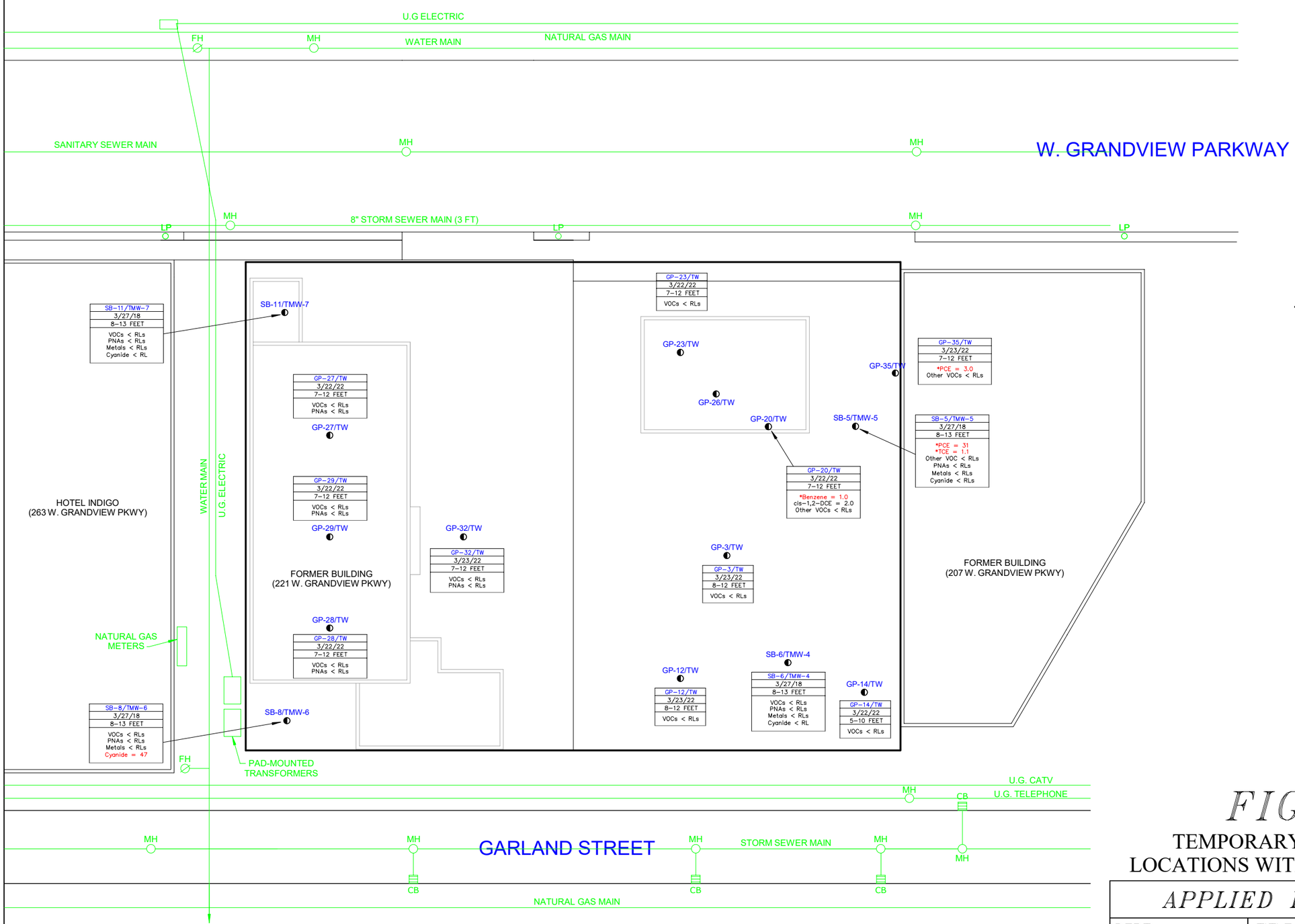
* INDICATE LEVELS THAT EXCEED THE EGLE VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP) SCREENING LEVELS (SEPT 2020)

FIGURE 4

2022 APPLIED SOIL BORING LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: SOIL RESULTS	DATE: 3/23/23
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23–4426



N

S

Scale: 1" = 30'

Legend

- Approximate Subject Property Boundary
- GP-1 — Geoprobe Soil Boring Location (completed by Applied Env. 2022)
- SB-9 — Geoprobe Soil Boring Location (completed by TRC 2018)
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

All groundwater results in ug/L.
PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene

VOCs - Volatile Organic Compounds
PNAs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
RLs - Laboratory Reporting Limits

RED COLORED CONCENTRATIONS INDICATE LEVELS THAT EXCEED ONE OR MORE OF THE EGLE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA

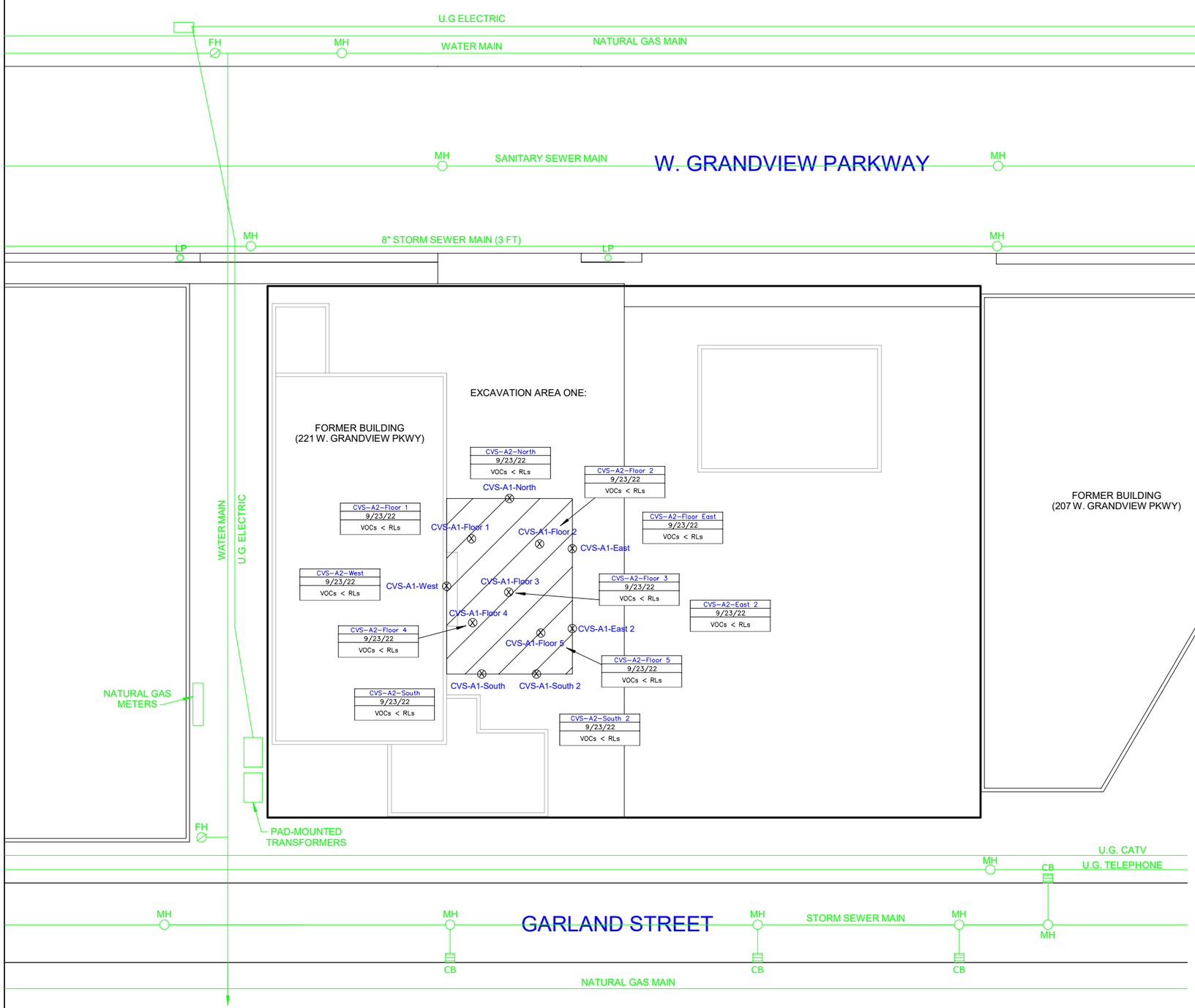
* INDICATE LEVELS THAT EXCEED THE EGLE VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP) SCREENING LEVELS (SEPT 2020)

FIGURE 5

TEMPORARY MONITORING WELL LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: GROUNDWATER RESULTS	DATE: 3/23/23
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23-4426



N

S

Scale: 1" = 30'

Legend

- Approximate Subject Property Boundary
- CVS-A1 — Verification Soil Sample Location
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

All soil results in ug/kg.

VOCs - Volatile Organic Compounds
PNAs - Polynuclear Aromatic Hydrocarbons
PCBs - Polychlorinated Biphenyls
RLs - Laboratory Reporting Limits

RED COLORED CONCENTRATIONS INDICATE LEVELS THAT EXCEED ONE OR MORE OF THE EGLE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA

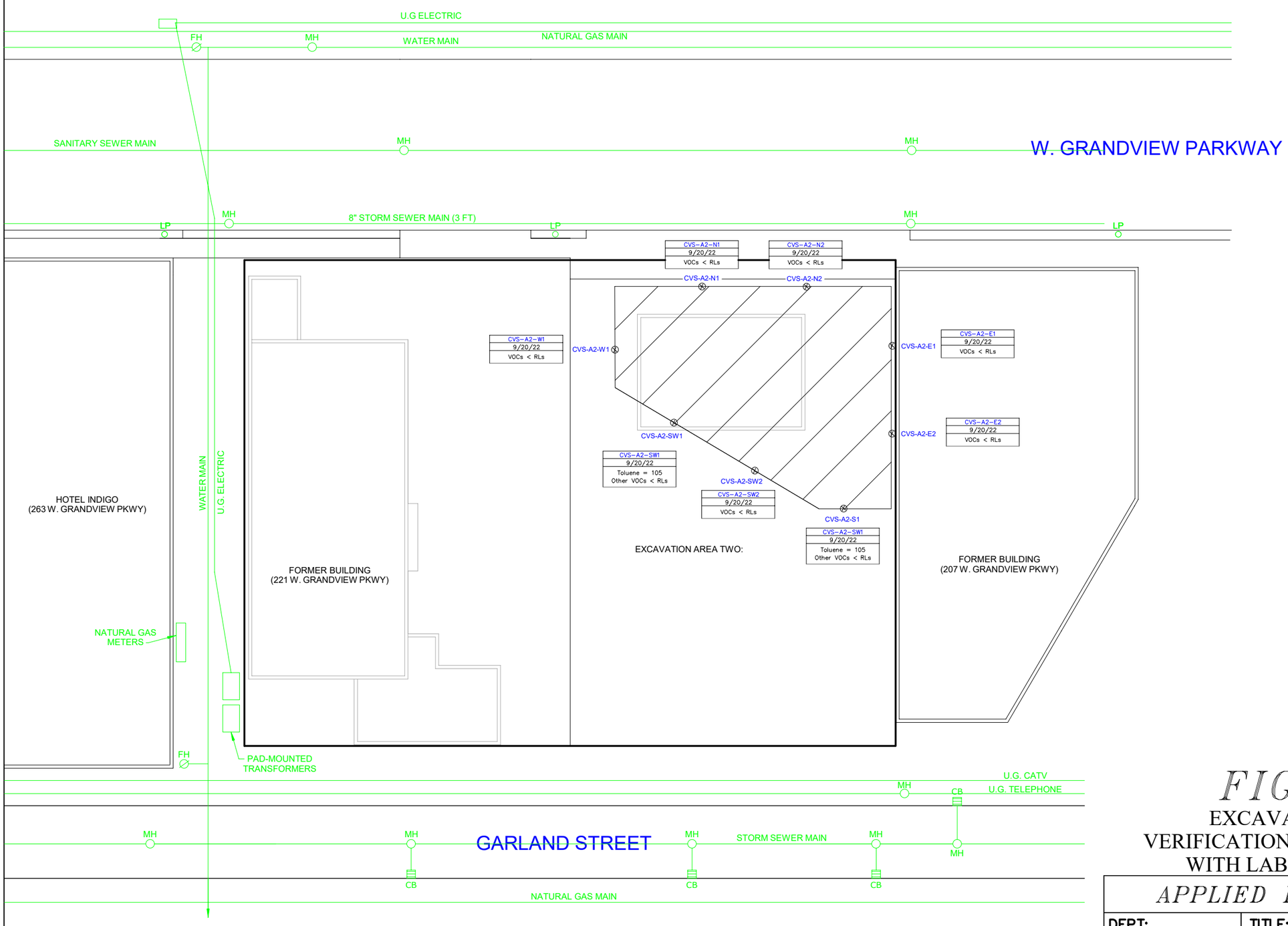
* INDICATE LEVELS THAT EXCEED THE EGLE VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP) SCREENING LEVELS (SEPT 2020)

FIGURE 6

EXCAVATION AREA ONE VERIFICATION SAMPLING LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: SOIL RESULTS	DATE: 9/23/22
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23-4426



N

S

Scale: 1" = 30'

Legend

- Approximate Subject Property Boundary
- CVS-A2 — Verification Soil Sample Location
- MH — Utility Manhole
- FH — Fire Hydrant
- CB — Storm Sewer Catch Basin
- LP — Light Pole

All soil results in ug/kg.
VOCs - Volatile Organic Compounds

RED COLORED CONCENTRATIONS INDICATE LEVELS THAT EXCEED ONE OR MORE OF THE EGLE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA

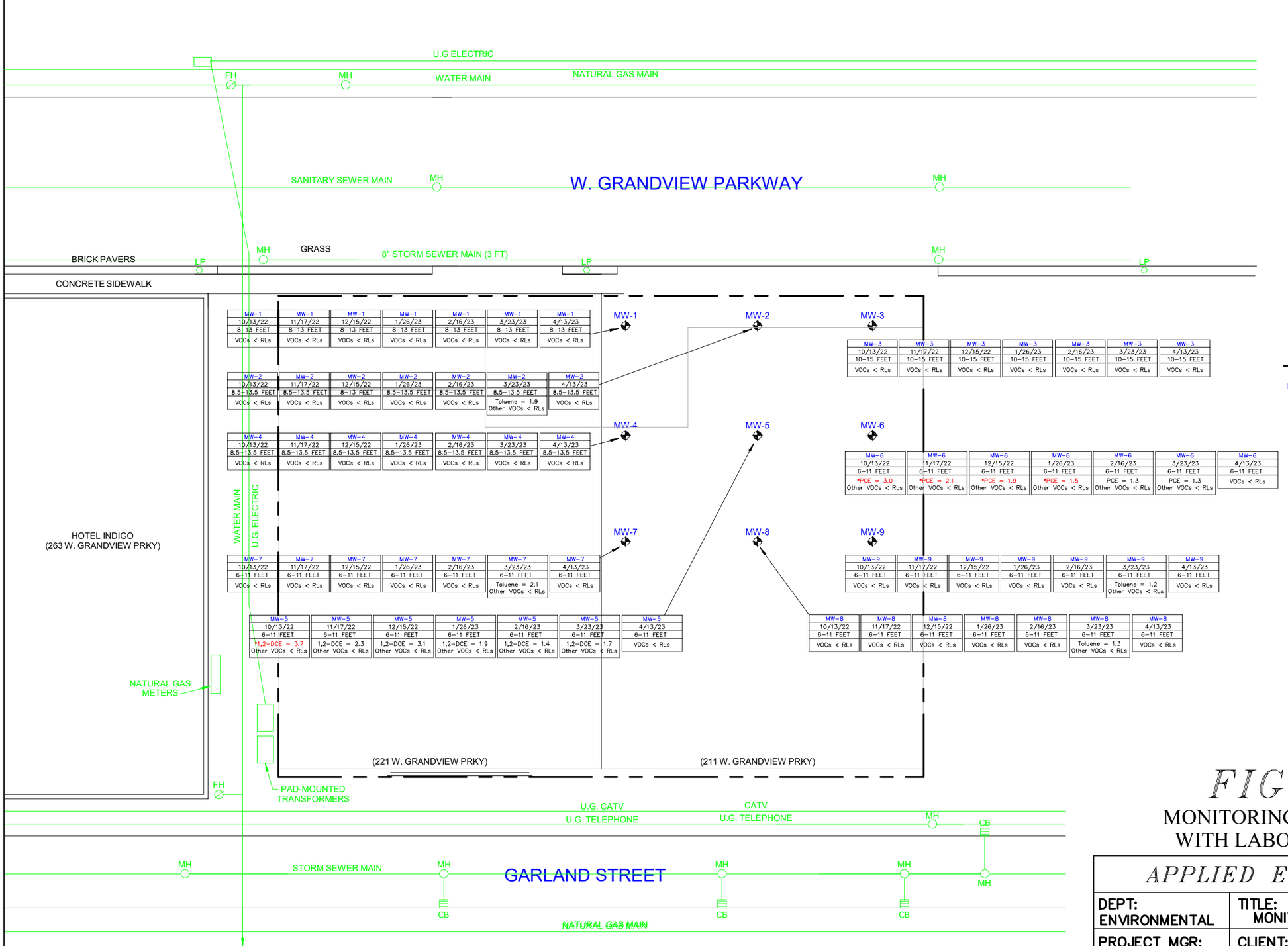
* INDICATE LEVELS THAT EXCEED THE EGLE VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP) SCREENING LEVELS (SEPT 2020)

FIGURE 7

EXCAVATION AREA TWO VERIFICATION SAMPLING LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: SOIL RESULTS	DATE: 3/23/23
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23-4426



MW-1	MW-1	MW-1	MW-1	MW-1	MW-1	MW-1
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
8–13 FEET	8–13 FEET	8–13 FEET	8–13 FEET	8–13 FEET	8–13 FEET	8–13 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs

MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-2
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
8.5–13.5 FEET	8.5–13.5 FEET	8–13 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	Toluene = 1.9 Other VOCs < RLs	VOCs < RLs

MW-3	MW-3	MW-3	MW-3	MW-3	MW-3	MW-3
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
10–15 FEET	10–15 FEET	10–15 FEET	10–15 FEET	10–15 FEET	10–15 FEET	10–15 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs

MW-4	MW-4	MW-4	MW-4	MW-4	MW-4	MW-4
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET	8.5–13.5 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs

MW-6	MW-6	MW-6	MW-6	MW-6	MW-6	MW-6
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET
*PCE = 3.0 Other VOCs < RLs	*PCE = 2.1 Other VOCs < RLs	*PCE = 1.9 Other VOCs < RLs	*PCE = 1.5 Other VOCs < RLs	PCE = 1.3 Other VOCs < RLs	PCE = 1.3 Other VOCs < RLs	VOCs < RLs

MW-7	MW-7	MW-7	MW-7	MW-7	MW-7	MW-7
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	Toluene = 2.1 Other VOCs < RLs	VOCs < RLs

MW-9	MW-9	MW-9	MW-9	MW-9	MW-9	MW-9
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	Toluene = 1.2 Other VOCs < RLs	VOCs < RLs

MW-5	MW-5	MW-5	MW-5	MW-5	MW-5	MW-5
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET
*1,2-DCE = 3.7 Other VOCs < RLs	1,2-DCE = 2.3 Other VOCs < RLs	1,2-DCE = 3.1 Other VOCs < RLs	1,2-DCE = 1.9 Other VOCs < RLs	1,2-DCE = 1.4 Other VOCs < RLs	1,2-DCE = 1.7 Other VOCs < RLs	VOCs < RLs

MW-8	MW-8	MW-8	MW-8	MW-8	MW-8	MW-8
10/13/22	11/17/22	12/15/22	1/26/23	2/16/23	3/23/23	4/13/23
6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET	6–11 FEET
VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	VOCs < RLs	Toluene = 1.3 Other VOCs < RLs	VOCs < RLs

N

S

Scale: 1" = 30'

Legend

- SUBJECT PROPERTY BOUNDARY
- MW-1 MONITORING WELL LOCATION (COMPLETED BY APPLIED ENV. OCT 2022)
- MH UTILITY MANHOLE
- CB STORM SEWER CATCH BASIN
- FH FIRE HYDRANT
- LP UTILITY LIGHT POLE

All groundwater results in ug/L.

VOCs - Volatile Organic Compounds
PCE - Tetrachloroethene
1,2-DCE - cis-1,2-Dichloroethene
RLs - Laboratory Reporting Limits

RED COLORED CONCENTRATIONS INDICATE LEVELS THAT EXCEED ONE OR MORE OF THE EGLE PART 201 GENERIC RESIDENTIAL CLEANUP CRITERIA

* INDICATE LEVELS THAT EXCEED THE EGLE VOLATILIZATION TO INDOOR AIR PATHWAY (VIAP) SCREENING LEVELS (SEPT 2020)

FIGURE 8

MONITORING WELL LOCATIONS WITH LABORATORY RESULTS

APPLIED ENVIRONMENTAL

DEPT: ENVIRONMENTAL	TITLE: MONITORING WELLS	DATE: 9/23/22
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 22–4426

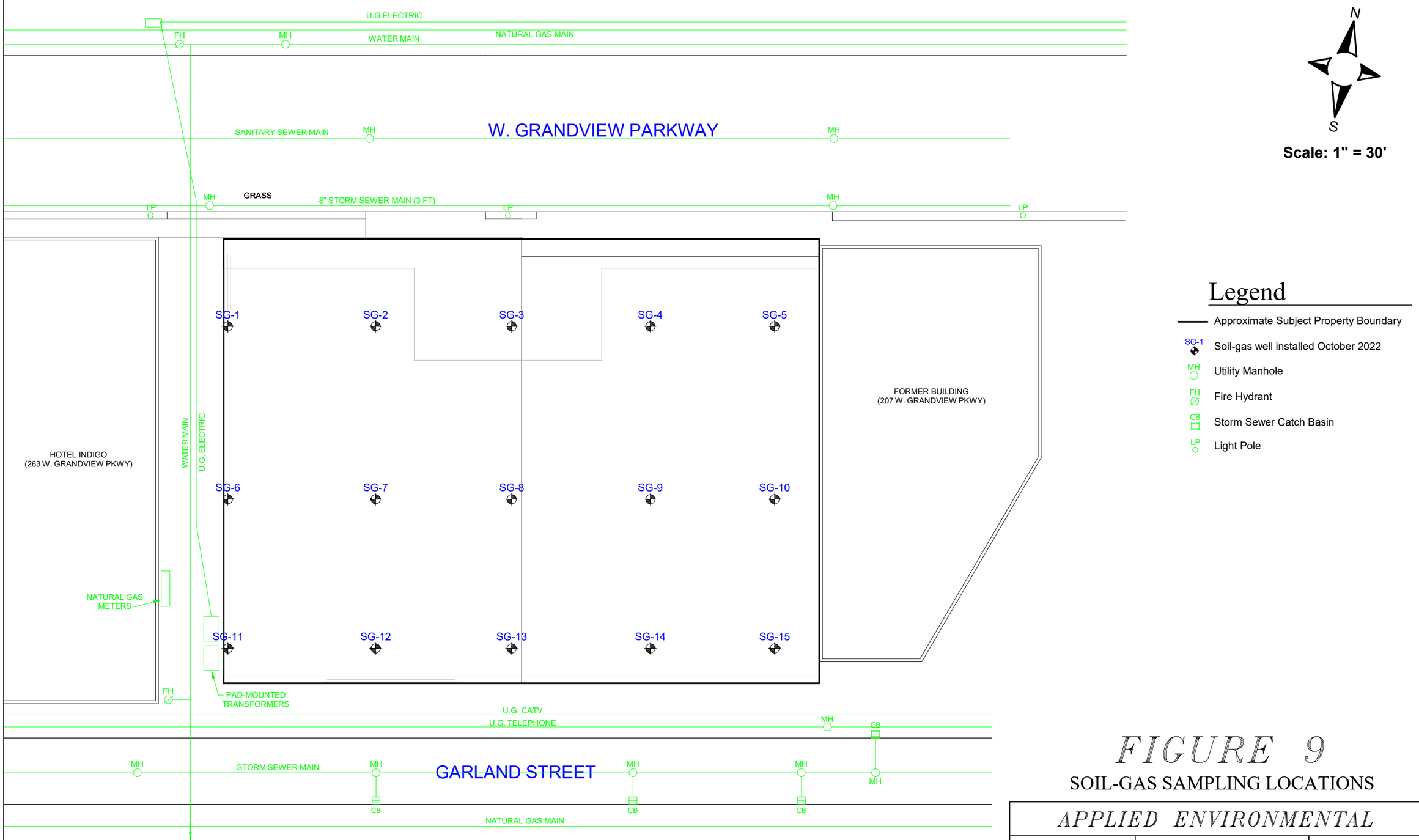


FIGURE 9

SOIL-GAS SAMPLING LOCATIONS

APPLIED ENVIRONMENTAL		
DEPT: ENVIRONMENTAL	TITLE: SOIL–GAS LOCATIONS	DATE: 10/6/23
PROJECT MGR: M. GATIEN	CLIENT: JS TRAVERSE CITY, LLC	PROJ. NUMBER: 23–4426

ATTACHMENT 2: Legal Description

LEGAL DESCRIPTION

LOTS 63-64-65-66 HANNAH LAY & CO'S 11TH ADD. SPLIT/COMBINED ON 1/26/2023 FROM 28-51-658-036-00, 28-51-658-035-00

ATTACHMENT 3: Tables

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID	Maxmium Concentration Detected	12191-1	12191-3	12191-5	12191-6	12191-7	12191-8	12191-9	12191-10
														Sample ID		GP-1	GP-3	GP-5	GP-5	GP-6	GP-6	GP-7	GP-7
*(Refer to detailed laboratory report for method reference data)														Collection Date		8.5-9.5'	8-9'	3-4'	9-10'	5-6'	9-10'	5-6'	9-10'
																3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-1	12191-3	12191-5	12191-6	12191-7	12191-8	12191-9	12191-10
														Sample ID	Maxmium Concentration Detected	GP-1 8.5-9.5'	GP-3 8-9'	GP-5 3-4'	GP-5 9-10'	GP-6 5-6'	GP-6 9-10'	GP-7 5-6'	GP-7 9-10'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-11	12191-12	12191-13	12191-14	12191-15	12191-16	12191-17	12191-18
														Sample ID	Maxmium Concentration Detected	GP-8 1.5-2.5'	GP-8 9-10'	GP-9 5-6'	GP-9 9-10'	GP-10 5-6'	GP-10 8.5-9.5'	GP-11 4-5'	GP-11 8-9'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-11	12191-12	12191-13	12191-14	12191-15	12191-16	12191-17	12191-18
														Sample ID	Maxmium Concentration Detected	GP-8 1.5-2.5'	GP-8 9-10'	GP-9 5-6'	GP-9 9-10'	GP-10 5-6'	GP-10 8.5-9.5'	GP-11 4-5'	GP-11 8-9'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22	3/21/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-19	12191-20	12191-21	12191-22	12191-23	12191-24	12191-25	12191-26
														Sample ID	Maxmium Concentration Detected	GP-12 4.5-5.5'	GP-12 8.5-9.5'	GP-13 3-4'	GP-13 8-9'	GP-14 4-5'	GP-14 8-9'	GP-15 4-5'	GP-15 8-9'
*(Refer to detailed laboratory report for method reference data)														Collection Date		3/21/22	3/21/22	3/21/22	3/21/22	3/22/22	3/22/22	3/22/22	3/22/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-19	12191-20	12191-21	12191-22	12191-23	12191-24	12191-25	12191-26
														Sample ID	Maxmium Concentration Detected	GP-12 4.5-5.5'	GP-12 8.5-9.5'	GP-13 3-4'	GP-13 8-9'	GP-14 4-5'	GP-14 8-9'	GP-15 4-5'	GP-15 8-9'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/21/22	3/21/22	3/21/22	3/21/22	3/22/22	3/22/22	3/22/22	3/22/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-27	12191-28	12191-29	12191-30	12191-31	12191-32	12191-33	12191-34
														Sample ID	Maxmium Concentration Detected	GP-16 4.5-5.5'	GP-16 8.5-9.5'	GP-17 4-5'	GP-17 8-9'	GP-18 4-5'	GP-18 8-9'	GP-19 4-5'	GP-19 8.5-9.5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID	Maxmium Concentration Detected	12191-27	12191-28	12191-29	12191-30	12191-31	12191-32	12191-33	12191-34
														Sample ID		GP-16 4.5-5.5'	GP-16 8.5-9.5'	GP-17 4-5'	GP-17 8-9'	GP-18 4-5'	GP-18 8-9'	GP-19 4-5'	GP-19 8.5-9.5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	**102**	**69**	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-35	12191-36	12191-37	12191-38	12191-39	12191-40	12191-41	12191-42
														Sample ID	Maxmium Concentration Detected	GP-20 4-5'	GP-20 9-10'	GP-21 4-5'	GP-21 8.5-9.5'	GP-22 4-5'	GP-22 8.5-9.5'	GP-23 4-5'	GP-23 8.5-9.5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-35	12191-36	12191-37	12191-38	12191-39	12191-40	12191-41	12191-42
														Sample ID	Maxmium Concentration Detected	GP-20 4-5'	GP-20 9-10'	GP-21 4-5'	GP-21 8.5-9.5'	GP-22 4-5'	GP-22 8.5-9.5'	GP-23 4-5'	GP-23 8.5-9.5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-43	12191-44	12191-45	12191-46	12191-47	12191-48	12191-49	12191-50
														Sample ID	Maxmium Concentration Detected	GP-23 1.5'	GP-24 4-5'	GP-24 8-9'	GP-25 2.5-3.5'	GP-25 8-9'	GP-26 6.5-7.5'	GP-26 8-9'	GP-27 4-5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	NT	NT	NT	NT	NT	372
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	NT	NT	NT	NT	NT	55,400
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	NT	NT	NT	NT	NT	< 200
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	NT	NT	NT	NT	NT	< 2000
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	NT	NT	NT	NT	NT	2,140
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	NT	NT	NT	NT	NT	6,390
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	NT	NT	NT	NT	NT	< 50
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 200
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 100
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	NT	NT	NT	NT	NT	9,600
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	< 330
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT	NT	NT	NT	NT	NT	NT	< 330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT	NT	NT	NT	NT	NT	NT	< 330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT	NT	NT	NT	NT	NT	NT	< 330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT	NT	NT	NT	NT	NT	NT	< 330
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 330
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT	NT	NT	NT	NT	NT	NT	< 330
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT	NT	NT	NT	NT	NT	NT	< 330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT	NT	NT	NT	NT	NT	NT	< 330
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT	NT	NT	NT	NT	NT	NT	< 330
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-43	12191-44	12191-45	12191-46	12191-47	12191-48	12191-49	12191-50
														Sample ID	Maxmium Concentration Detected	GP-23 1.5'	GP-24 4-5'	GP-24 8-9'	GP-25 2.5-3.5'	GP-25 8-9'	GP-26 6.5-7.5'	GP-26 8-9'	GP-27 4-5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	**72**	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	NT	NT	NT	NT	NT	< 700

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-51	12191-52	12191-53	12191-54	12191-55	12191-56	12191-57	12191-58
														Sample ID	Maxmium Concentration Detected	GP-27 8-9'	GP-28 4-5'	GP-28 8-9'	GP-29 2-3'	GP-29 8-9'	GP-30 4-5'	GP-30 8-9'	GP-31 4-5'
*(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/23/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	238	430	328	2,320	426	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	19,700	87,600	7,140	320,000	11,300	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	< 200	< 200	< 200	203	< 200	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	< 2000	< 2000	2,030	2,210	< 2000	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	1,420	2,660	1,140	5,520	1,060	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	2,270	13,400	2,290	61,300	1,910	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	< 50	< 50	< 50	< 50	< 50	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	< 200	< 200	< 200	< 200	< 200	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	< 100	< 100	< 100	< 100	< 100	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	2,600	14,000	4,000	69,600	6,000	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	< 330
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-51	12191-52	12191-53	12191-54	12191-55	12191-56	12191-57	12191-58
														Sample ID	Maxmium Concentration Detected	GP-27 8-9'	GP-28 4-5'	GP-28 8-9'	GP-29 2-3'	GP-29 8-9'	GP-30 4-5'	GP-30 8-9'	GP-31 4-5'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/23/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	< 700	< 700	< 700	< 11300	< 2000	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-59	12191-60	12191-61	12191-62	12191-63	12191-64	12191-65	12191-66
														Sample ID	Maxmium Concentration Detected	GP-31 8-9'	GP-32 4-5'	GP-32 8.5-9.5'	GP-33 4-5'	GP-33 8-9'	GP-34 4-5'	GP-34 8-9'	GP-35 2-3'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22
Metals, ug/Kg																							
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT	NT	552	NT	NT	NT	NT	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT	NT	98,000	NT	NT	NT	NT	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT	NT	< 200	NT	NT	NT	NT	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT	NT	2,470	NT	NT	NT	NT	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT	NT	2,980	NT	NT	NT	NT	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT	NT	65,400	NT	NT	NT	NT	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT	NT	< 50	NT	NT	NT	NT	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT	NT	< 200	NT	NT	NT	NT	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT	NT	< 100	NT	NT	NT	NT	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT	NT	64,400	NT	NT	NT	NT	NT
Semivolatiles, PNAs, ug/Kg																							
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	< 330	< 330	< 330	< 330	427	< 330	< 330	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	< 330	< 330	< 330	< 330	417	< 330	< 330	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	< 330	< 330	< 330	< 330	365	< 330	< 330	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	< 330	< 330	< 330	< 330	413	< 330	< 330	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	< 330	< 330	< 330	< 330	< 330	< 330	< 330	NT
Volatiles, VOCs, ug/Kg																							
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200	< 200	< 200	< 200	< 200	< 200	< 200	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750	< 750	< 750	< 750	< 750	< 750	< 750	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID		12191-59	12191-60	12191-61	12191-62	12191-63	12191-64	12191-65	12191-66
														Sample ID	Maxmium Concentration Detected	GP-31 8-9'	GP-32 4-5'	GP-32 8.5-9.5'	GP-33 4-5'	GP-33 8-9'	GP-34 4-5'	GP-34 8-9'	GP-35 2-3'
(Refer to detailed laboratory report for method reference data)														Collection Date		3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22	3/23/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20	< 20	< 20	< 20	< 20	< 20	< 20	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250	< 250	< 250	< 250	< 250	< 250	< 250	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40	< 40	< 40	< 40	< 40	< 40	< 40	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150	< 150	< 150	< 150	< 150	< 150	< 150	< 150
PCBs, ug/Kg																							
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT	NT	< 700	NT	NT	NT	NT	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters* *(Refer to detailed laboratory report for method reference data)*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID / Sample ID / Collection Date	Maxmium Concentration Detected	12191-67 / GP-35 5-6' / 3/23/22
Metals, ug/Kg																
Arsenic (B)	7440-38-2	5,800	4,600	4,600	NLV	NLV	NLV	NLV	7.20E+05	7,600	NA	NA	NA		2,320	NT
Barium (B)	7440-39-3	75,000	1.30E+06	(G)	NLV	NLV	NLV	NLV	3.30E+08	3.70E+07	NA	NA	NA		320,000	NT
Cadmium (B)	7440-43-9	1,200	6,000	(G,X)	NLV	NLV	NLV	NLV	1.70E+06	5.50E+05	NA	*	NA		203	NT
Chromium, Total (Cr VI criteria)	7440-47-3	18,000 (total)	30,000	3,300	NLV	NLV	NLV	NLV	2.60E+05	2.50E+06	NA	NA	NA		2,470	NT
Copper (B)	7440-50-8	32,000	5.80E+06	(G)	NLV	NLV	NLV	NLV	1.30E+08	2.00E+07	NA	NA	NA		5,520	NT
Lead (B)	7439-92-1	21,000	7.00E+05	(G,X)	NLV	NLV	NLV	NLV	1.00E+08	4.00E+05	NA	*	NA		65,400	NT
Mercury, Total (B, Z)	Varies	130	1,700	50 (M); 1.2	48,000	52,000	52,000	52,000	2.00E+07	1.60E+05	NA	NA	22 (M) nc		<	NT
Selenium (B)	7782-49-2	410	4,000	400	NLV	NLV	NLV	NLV	1.30E+08	2.60E+06	NA	NA	NA		<	NT
Silver (B)	7440-22-4	1,000	4,500	100 (M); 27	NLV	NLV	NLV	NLV	6.70E+06	2.50E+06	NA	NA	NA		<	NT
Zinc (B)	7440-66-6	47,000	2.40E+06	(G)	NLV	NLV	NLV	NLV	ID	1.70E+08	NA	NA	NA		69,600	NT
Semivolatiles, PNAs, ug/Kg																
Acenaphthene	83-32-9	NA	3.00E+05	8,700	1.90E+08	8.10E+07	8.10E+07	8.10E+07	1.40E+10	4.10E+07	NA	NA	2.0E+05 nc		<	NT
Acenaphthylene	208-96-8	NA	5,900	ID	1.60E+06	2.20E+06	2.20E+06	2.20E+06	2.30E+09	1.60E+06	NA	NA	DATA		<	NT
Anthracene	120-12-7	NA	41,000	ID	1.0E+9 (D)	1.40E+09	1.40E+09	1.40E+09	6.70E+10	2.30E+08	NA	NA	1.3E+07 nc		<	NT
Benzo(a)anthracene (Q)	56-55-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	1.6E+05 (MM) mut		<	NT
Benzo(b)fluoranthene (Q)	205-99-2	NA	NLL	NLL	ID	ID	ID	ID	ID	20,000	NA	NA	NA		427	NT
Benzo(k)fluoranthene (Q)	207-08-9	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2.00E+05	NA	NA	NA		<	NT
Benzo(g,h,i)perylene	191-24-2	NA	NLL	NLL	NLV	NLV	NLV	NLV	8.00E+08	2.50E+06	NA	NA	NA		417	NT
Benzo(a)pyrene (Q)	50-32-8	NA	NLL	NLL	NLV	NLV	NLV	NLV	1.50E+06	2,000	NA	NA	NA		365	NT
Chrysene (Q)	218-01-9	NA	NLL	NLL	ID	ID	ID	ID	ID	2.00E+06	NA	NA	NA		<	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	2,000	NA	NA	NA		<	NT
Fluoranthene	206-44-0	NA	7.30E+05	5,500	1.0E+9 (D)	7.40E+08	7.40E+08	7.40E+08	9.30E+09	4.60E+07	NA	NA	NA		<	NT
Fluorene	86-73-7	NA	3.90E+05	5,300	5.80E+08	1.30E+08	1.30E+08	1.30E+08	9.30E+09	2.70E+07	NA	NA	4.7E+05 nc		<	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	NA	NLL	NLL	NLV	NLV	NLV	NLV	ID	20,000	NA	NA	NA		413	NT
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	NT
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	NT
Phenanthrene	85-01-8	NA	56,000	2,100	2.80E+06	1.60E+05	1.60E+05	1.60E+05	6.70E+06	1.60E+06	NA	NA	1,700 nc		<	NT
Pyrene	129-00-0	NA	4.80E+05	ID	1.0E+9 (D)	6.50E+08	6.50E+08	6.50E+08	6.70E+09	2.90E+07	NA	NA	2.5E+07 nc		<	NT
Volatiles, VOCs, ug/Kg																
Acetone (I)	67-64-1	NA	15,000	34,000	2.9E+8 (C)	1.30E+08	1.30E+08	1.90E+08	3.90E+11	2.30E+07	1.10E+08	NA	2.65E+05 (EE) st		<	< 1000
Benzene (I)	71-43-2	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.80E+08	1.80E+05	4.00E+05	240	1.7 (M) ca		<	< 50
Bromobenzene (I)	108-86-1	NA	550	NA	3.10E+05	4.50E+05	4.50E+05	4.50E+05	5.30E+08	5.40E+05	7.60E+05	NA	160 nc		<	< 100
Bromodichloromethane	75-27-4	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.40E+07	1.10E+05	1.50E+06	NA	0.61 (M) ca		<	< 100
Bromoform	75-25-2	NA	1,600 (W)	ID	1.50E+05	9.00E+05	9.00E+05	9.00E+05	2.80E+09	8.20E+05	8.70E+05	NA	45 (M) ca		<	< 100
Bromomethane	74-83-9	NA	200	100	860	11,000	57,000	1.40E+05	3.30E+08	3.20E+05	2.20E+06	NA	0.90 (M) nc		<	< 200
2-Butanone (MEK) (I)	78-93-3	NA	2.60E+05	44,000	5.4E+7 (C)	2.90E+07	2.90E+07	3.50E+07	6.70E+10	1.2E+8 (C, DD)	2.70E+07	NA	31,000 (DD) dev		<	< 750
n-Butylbenzene	104-51-8	NA	1,600	ID	ID	ID	ID	ID	2.00E+09	2.50E+06	1.00E+07	NA	550 nc		<	< 50
sec-Butylbenzene	135-98-8	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.00E+07	NA	3,800 nc		<	< 50
tert-Butylbenzene (I)	98-06-6	NA	1,600	ID	ID	ID	ID	ID	6.70E+08	2.50E+06	1.00E+07	NA	0.64 (M) nc		<	< 50
Carbon disulfide (I,R)	75-15-0	NA	16,000	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C, DD)	2.80E+05	NA	52 (M) nc		<	< 250
Carbon tetrachloride	56-23-5	NA	100	760 (X)	190	3,500	12,000	28,000	1.30E+08	96,000	3.90E+05	110	0.31 (M) ca		<	< 50
Chlorobenzene (I)	108-90-7	NA	2,000	500	1.20E+05	7.70E+05	9.90E+05	2.10E+06	4.70E+09	4.3E+6 (C)	2.60E+05	NA	82 nc		<	< 50
Chloroethane	75-00-3	NA	8,600	22,000 (X)	2.9E+6 (C)	3.00E+07	1.20E+08	2.80E+08	6.70E+11	2.6E+6 (C)	9.50E+05	3,400	330 nc		<	< 250
Chloroform	67-66-3	NA	1,600 (W)	7,000	7,200	45,000	1.20E+05	2.70E+05	1.30E+09	1.20E+06	1.50E+06	NA	0.26 (M) ca		<	< 50
Chloromethane (I)	74-87-3	NA	5,200	ID	2,300	40,000	4.10E+05	1.00E+06	4.90E+09	1.6E+6 (C)	1.10E+06	NA	6.9 (M) nc		<	< 250
2-Chlorotoluene (I)	95-49-8	NA	3,300	ID	2.70E+05	1.20E+06	2.90E+06	6.30E+06	4.70E+09	4.5E+6 (C)	5.00E+05	NA	200 nc		<	< 50
Dibromochloromethane	124-48-1	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.30E+08	1.10E+05	6.10E+05	NA	0.40 (MM) (M) mut		<	< 100
1,2-Dibromo-3-Chloropropane	96-12-8	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	NA	DATA		<	< 10
Dibromomethane	74-95-3	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.00E+06	NA	3.5 (M) nc		<	< 250

Table 1
Soil Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters* *(Refer to detailed laboratory report for method reference data)*	Chemical Abstract Service Number	Statewide Default Background Levels	Residential Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Residential Soil Volatilization to Indoor Air Inhalation Criteria	Residential Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Residential Finite VSIC for 5 Meter Source Thickness	Residential Finite VSIC for 2 Meter Source Thickness	Residential Particulate Soil Inhalation Criteria	Residential Direct Contact Criteria & RBSLs	Soil Saturation Concentration Screening Levels	Soil GSI Protection Criteria for HDV	Residential Volatiliztion to Indoor Air Pathway (VIAP) Soil	Lab ID	Maxmium Concentration Detected	12191-67
														Sample ID		GP-35 5-6'
														Collection Date		3/23/22
1,2-Dichlorobenzene	95-50-1	NA	14,000	280	1.1E+7 (C)	3.90E+07	3.90E+07	5.20E+07	1.00E+11	1.9E+7 (C)	2.10E+05	NA	1,500 nc		<	< 100
1,3-Dichlorobenzene	541-73-1	NA	170	680	26,000	79,000	79,000	1.10E+05	2.00E+08	2.0E+5 (C)	1.70E+05	NA	10 (M) nc		<	< 100
1,4-Dichlorobenzene	106-46-7	NA	1,700	360	19,000	77,000	77,000	1.10E+05	4.50E+08	4.00E+05	NA	NA	23 (M) ca		<	< 100
Dichlorodifluoromethane	75-71-8	NA	95,000	ID	9.00E+05	5.30E+07	5.50E+08	1.40E+09	3.30E+12	5.2E+7 (C)	1.00E+06	NA	12 (M) nc		<	< 250
1,1-Dichloroethane	75-34-3	NA	18,000	15,000	2.30E+05	2.10E+06	5.90E+06	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	NA	2.6 (M) ca		<	< 50
1,2-Dichloroethane (I)	107-06-2	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.20E+08	91,000	1.20E+06	120	0.82 (M) ca		<	< 50
1,1-Dichloroethylene (I)	75-35-4	NA	140	2,600	62	1,100	5,300	13,000	6.20E+07	2.00E+05	5.70E+05	NA	12 (M) nc		<	< 50
cis-1,2-Dichloroethylene	156-59-2	NA	1,400	12,000	22,000	1.80E+05	4.20E+05	9.90E+05	2.30E+09	2.5E+6 (C)	6.40E+05	NA	2.1 (M) nc		<	< 50
trans-1,2-Dichloroethylene	156-60-5	NA	2,000	30,000 (X)	23,000	2.80E+05	8.30E+05	2.00E+06	4.70E+09	3.8E+6 (C)	1.40E+06	9,400	12 (M) nc		<	< 50
1,2-Dichloropropane (I)	78-87-5	NA	100	4,600 (X)	4,000	25,000	50,000	1.10E+05	2.70E+08	1.40E+05	5.50E+05	180	2.1 (M) nc		<	< 50
1,3-Dichloropropene	542-75-6	NA	170	180 (X)	1,000	18,000	68,000	1.60E+05	7.80E+08	10,000	6.20E+05	100 (M); 66	3.1 (M) (J) ca		<	< 50
Ethylbenzene (I)	100-41-4	NA	1,500	360	87,000	7.20E+05	1.00E+06	2.20E+06	1.00E+10	2.2E+7 (C)	1.40E+05	NA	12 (M) ca		<	< 50
Ethylene dibromide	106-93-4	NA	20 (M); 1.0	110 (X)	670	1,700	1,700	3,300	1.40E+07	92	8.90E+05	20 (M); 3.4	7.4E-02 ca		<	< 20
Hexachlorobutadiene	87-68-3	NA	26,000	91	1.30E+05	1.30E+05	1.30E+05	1.30E+05	1.40E+08	1.00E+05	3.50E+05	NA	2.5 (M) ca		<	< 50
2-Hexanone	591-78-6	NA	20,000	ID	9.90E+05	1.10E+06	1.10E+06	1.40E+06	2.70E+09	3.2E+7 (C)	2.50E+06	NA	210 (M) nc		<	< 2500
Isopropyl benzene	98-82-8	NA	91,000	3,200	4.0E+5 (C)	1.70E+06	1.70E+06	2.80E+06	5.80E+09	2.5E+7 (C)	3.90E+05	NA	3.8 (M) ca		<	< 250
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	NA	36,000	ID	3.7E+7 (C)	4.50E+07	4.50E+07	6.70E+07	1.40E+11	5.6E+7 (C)	2.70E+06	NA	3,300 st		<	< 2500
Methyl-tert-butyl ether (MTBE)	1634-04-4	NA	800	1.4E+5 (X)	9.9E+6 (C)	2.50E+07	3.90E+07	8.70E+07	2.00E+11	1.50E+06	5.90E+06	2,000	74 (M) ca		<	< 250
Methylene chloride	75-09-2	NA	100	30,000 (X)	45,000	2.10E+05	5.90E+05	1.40E+06	6.60E+09	1.30E+06	2.30E+06	940	130 nc		<	< 250
2-Methylnaphthalene	91-57-6	NA	57,000	4,200	2.70E+06	1.50E+06	1.50E+06	1.50E+06	6.70E+08	8.10E+06	NA	NA	1,700 nc		<	< 250
Naphthalene	91-20-3	NA	35,000	730	2.50E+05	3.00E+05	3.00E+05	3.00E+05	2.00E+08	1.60E+07	NA	NA	67 (M) ca		<	< 250
n-Propylbenzene (I)	103-65-1	NA	1,600	ID	ID	ID	ID	ID	1.30E+09	2.50E+06	1.00E+07	NA	1,800 (DD) dev		<	< 100
Styrene	100-42-5	NA	2,700	2,100 (X)	2.50E+05	9.70E+05	9.70E+05	1.40E+06	5.50E+09	4.00E+05	5.20E+05	530	150 ca		<	< 50
1,1,1,2-Tetrachloroethane	630-20-6	NA	1,500	ID	6,200	36,000	54,000	1.00E+05	4.20E+08	4.8E+5 (C)	4.40E+05	NA	3.2 (M) ca		<	< 100
1,1,2,2-Tetrachloroethane	79-34-5	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.40E+07	53,000	8.70E+05	64	2.7 (M) ca		<	< 50
Tetrachloroethylene	127-18-4	NA	**100**	1,200 (X)	11,000	1.7E+5	4.80E+05	1.10E+06	2.7E+9	2.0E+5 (C)	88,000	220	**6.2 (M) (EE) st**		**102**	< 50
Tetrahydrofuran	109-99-9	NA	1,900	2.2E+5 (X)	1.30E+06	1.3E+7	6.70E+07	1.60E+08	3.9E+11	2.90E+06	1.20E+08	7,000	13,000 nc		<	< 1000
Toluene (I)	108-88-3	NA	16,000	5,400	3.3E+5 (C)	2.80E+06	5.10E+06	1.20E+07	2.70E+10	5.0E+7 (C)	2.50E+05	NA	3,700 nc		<	< 100
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	830 nc		<	< 250
1,2,4-Trichlorobenzene	120-82-1	NA	4,200	5,900 (X)	9.6E+6 (C)	2.80E+07	2.80E+07	2.80E+07	2.50E+10	9.9E+5 (DD)	1.10E+06	4,700	53 (M) nc		<	< 250
1,1,1-Trichloroethane	71-55-6	NA	4,000	1,800	2.50E+05	3.80E+06	1.20E+07	2.80E+07	6.70E+10	5.0E+8 (C)	4.60E+05	NA	450 (EE) st		<	< 50
1,1,2-Trichloroethane	79-00-5	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.90E+08	1.80E+05	9.20E+05	240	0.37 (M) nc		<	< 50
Trichloroethylene	79-01-6	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.3E+8	1.1E+5 (DD)	5.00E+05	580	0.33 (M) (DD) dev		<	< 50
Trichlorofluoromethane	75-69-4	NA	52,000	NA	2.8E+6 (C)	9.20E+07	6.30E+08	1.50E+09	3.80E+12	7.9E+7 (C)	5.60E+05	NA	19 (M) nc		<	< 100
1,2,3-Trichloropropane	96-18-4	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.30E+05	NA	2.6 (M) nc		<	< 100
1,2,4-Trimethylbenzene (I)	95-63-6	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.00E+08	5.00E+08	8.20E+10	3.2E+7 (C)	1.10E+05	NA	150 (JT) nc		<	< 100
1,3,5-Trimethylbenzene (I)	108-67-8	NA	1,800	1,100	2.6E+6 (C)	1.60E+07	3.80E+08	3.80E+08	8.20E+10	3.2E+7 (C)	94,000	NA	100 (JT) nc		<	< 100
Vinyl acetate (I)	108-05-4	NA	13,000	NA	7.90E+05	1.70E+06	2.60E+06	5.80E+06	1.30E+10	5.8E+6 (C,DD)	2.40E+06	NA	160 (M) nc		<	< 5000
Vinyl chloride	75-01-4	NA	40	260 (X)	270	4,200	30,000	73,000	3.50E+08	3,800	4.90E+05	40 (M); 20	8.2E-02 (MM) (M) mut		<	< 40
Xylenes (I)	1330-20-7	NA	5,600	980	6.3E+6 (C)	4.60E+07	6.10E+07	1.30E+08	2.90E+11	4.1E+8 (C)	1.50E+05	NA	280 (J) nc		<	< 150
PCBs, ug/Kg																
Total PCBs (J, T)	1336-36-3	NA	NLL	NLL	3.00E+06	2.40E+05	7.90E+06	7.90E+06	5.20E+06	(T)	NA	NA	DATA		<	NT

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 2
Groundwater Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Residential Health-Based Drinking Water Value (footnote E)	Surface Water Human Drinking Water Values (HDV)	Residential Volatilization to Indoor Air Pathway (VIAP) Shallow Groundwater	Residential Volatilization to Indoor Air Pathway (VIAP) Groundwater Not In Contact	Lab ID	12192-1	12192-2	12192-3	12192-4	12192-5	12192-6	12192-7	12192-8	12192-9	12192-10	12192-11
											Sample Location	GP3/TW 8-12'	GP12/TW 8-12'	GP14/TW 5-10'	GP20/TW 7-12'	GP23/TW 7-12'	GP26/TW 7-12'	GP27/TW 7-12'	GP28/TW 7-12'	GP29/TW 7-12'	GP32/TW 7-12'	GP35/TW 7-12'
(Refer to detailed laboratory report for method reference data)											Collection Date	3/21/22	3/23/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/23/22	3/23/22
Semivolatiles, PNAs, ug/L																						
Acenaphthene	83-32-9	1,300	38	4,200 (S)	4,240	ID	NA	NA	3,900 (S) sol	3,900 (S) sol		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Acenaphthylene	208-96-8	52	ID	3,900 (S)	3,930	ID	NA	NA	65 nc	65 (CC) nc		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Anthracene	120-12-7	43 (S)	ID	43 (S)	43.4	ID	NA	NA	43 (S) sol	43 (S) sol		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Benzo(a)anthracene (Q)	56-55-3	2.1	ID	NLV	9.4	ID	NA	NA	9.4 (S) (MM) sol	9.4 (S) (MM) sol		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Benzo(b)fluoranthene (Q)	205-99-2	1.5 (S,AA)	ID	ID	1.5	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Benzo(k)fluoranthene (Q)	207-08-9	1.0 (M); 0.8 (S)	NA	NLV	0.8	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Benzo(g,h,i)perylene	191-24-2	1.0 (M); 0.26 (S)	ID	NLV	0.26	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Benzo(a)pyrene (Q)	50-32-8	5.0 (A)	ID	NLV	1.62	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Chrysene (Q)	218-01-9	1.6 (S)	ID	ID	1.6	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Dibenzo(a,h)anthracene (Q)	53-70-3	2.0 (M); 0.21	ID	NLV	2.49	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 2	< 2	< 2	< 2	NT
Fluoranthene	206-44-0	210 (S)	1.6	210 (S)	206	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 1	< 1	< 1	< 1	NT
Fluorene	86-73-7	880	12	2,000 (S)	1,980	ID	NA	NA	1,700 (S) sol	1,700 (S) sol		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Indeno(1,2,3-cd)pyrene (Q)	193-39-5	2.0 (M); 0.022 (S)	ID	NLV	0.022	ID	NA	NA	NA	NA		NT	NT	NT	NT	NT	NT	< 2	< 2	< 2	< 2	NT
2-Methylnaphthalene	91-57-6	260	19	25,000 (S)	24,600	ID	NA	NA	66 nc	2,000 nc		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Naphthalene	91-20-3	520	11	31,000 (S)	31,000	NA	NA	NA	4.2 (M) ca	130 ca		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Phenanthrene	85-01-8	52	2.0 (M); 1.7	1,000 (S)	1,000	ID	NA	NA	9.5 nc	290 nc		NT	NT	NT	NT	NT	NT	< 2	< 2	< 2	< 2	NT
Pyrene	129-00-0	140 (S)	ID	140 (S)	135	ID	NA	NA	140 (S) sol	140 (S) sol		NT	NT	NT	NT	NT	NT	< 5	< 5	< 5	< 5	NT
Volatiles, VOCs, ug/L																						
Acetone (I)	67-64-1	730	1,700	1.0E+9 (D,S)	1.00E+09	1.50E+07	NA	NA	50,000 (FF) st	4.0E+07 (EE) st		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Benzene (I)	71-43-2	5.0 (A)	200 (X)	5,600	1.75E+06	68,000	NA	12	**1.0 ca**	28 ca		< 1	< 1	< 1	< 1	< 1	**1**	< 1	< 1	< 1	< 1	< 1
Bromobenzene (I)	108-86-1	18	NA	1.80E+05	4.13E+05	ID	NA	NA	62 nc	1,800 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromodichloromethane	75-27-4	80 (A,W)	ID	4,800	6.74E+06	ID	NA	NA	1.2 ca	34 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromoform	75-25-2	80 (A,W)	ID	4.70E+05	3.10E+06	ID	NA	NA	89 ca	2,700 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Bromomethane	74-83-9	10	5.0 (M); 4.2	4,000	1.45E+07	ID	NA	NA	2.1 (M) nc	55 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Butanone (MEK) (I)	78-93-3	13,000	2,200	2.4E+8 (S)	2.40E+08	ID	NA	NA	2,600 (DD) dev	4.3E+06 (DD) dev		< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25
n-Butylbenzene	104-51-8	80	ID	ID	NA	ID	NA	NA	44 nc	1,100 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
sec-Butylbenzene	135-98-8	80	ID	ID	NA	ID	NA	NA	270 nc	8,100 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
tert-Butylbenzene (I)	98-06-6	80	ID	ID	NA	ID	NA	NA	7.7E-02 (M) nc	1.8 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Carbon disulfide (I,R)	75-15-0	800	ID	2.50E+05	1.19E+06	13,000	NA	NA	92 nc	2,100 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Carbon tetrachloride	56-23-5	5.0 (A)	38 (X)	370	7.93E+05	ID	NA	5.6	0.41 (M) ca	7.7 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chlorobenzene (I)	108-90-7	100 (A)	25	2.10E+05	4.72E+05	1.60E+05	NA	NA	33 nc	940 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloroethane	75-00-3	430	1,100 (X)	5.7E+6 (S)	5.74E+06	1.10E+05	NA	170	620 nc	15,000 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chloroform	67-66-3	80 (A,W)	350	28,000	7.92E+06	ID	NA	77	0.49 (M) ca	14 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Chloromethane (I)	74-87-3	260	ID	8,600	6.34E+06	36,000	NA	NA	15 nc	380 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Chlorotoluene (I)	95-49-8	150	ID	2.20E+05	3.73E+05	ID	NA	NA	50 nc	1,400 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Dibromochloromethane	124-48-1	80 (A,W)	ID	14,000	2.60E+06	ID	NA	NA	0.78 (MM) (M) mut	23 (MM) mut		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Table 2
Groundwater Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters* *(Refer to detailed laboratory report for method reference data)*	Chemical Abstract Service Number	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Residential Health-Based Drinking Water Value (footnote E)	Surface Water Human Drinking Water Values (HDV)	Residential Volatilization to Indoor Air Pathway (VIAP) Shallow Groundwater	Residential Volatilization to Indoor Air Pathway (VIAP) Groundwater Not In Contact	Lab ID	12192-1	12192-2	12192-3	12192-4	12192-5	12192-6	12192-7	12192-8	12192-9	12192-10	12192-11
											Sample Location	GP3/TW 8-12'	GP12/TW 8-12'	GP14/TW 5-10'	GP20/TW 7-12'	GP23/TW 7-12'	GP26/TW 7-12'	GP27/TW 7-12'	GP28/TW 7-12'	GP29/TW 7-12'	GP32/TW 7-12'	GP35/TW 7-12'
											Collection Date	3/21/22	3/23/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/23/22	3/23/22
1,2-Dibromo-3-Chloropropane	96-12-8	0.2 (A)	ID	220	1,230	NA	NA	NA	4.5E-04 (MM) (M) mut	4.5E-04 (MM) (M) (CC) mut		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Dibromomethane	74-95-3	80	NA	ID	1.10E+07	ID	NA	NA	8.8 nc	260 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2-Dichlorobenzene	95-50-1	600 (A)	13	1.6E+5 (S)	1.56E+05	NA	NA	NA	370 nc	11,000 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichlorobenzene	541-73-1	6.6	28	18,000	1.11E+05	ID	NA	NA	2.6 nc	75 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,4-Dichlorobenzene	106-46-7	75 (A)	17	16,000	73,800	NA	NA	NA	5.9 ca	170 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Dichlorodifluoromethane	75-71-8	1,700	ID	2.20E+05	3.00E+05	ID	NA	NA	13 nc	49 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1-Dichloroethane	75-34-3	880	740	1.00E+06	5.06E+06	3.80E+05	NA	NA	4.7 ca	130 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloroethane (I)	107-06-2	5.0 (A)	360 (X)	9,600	8.52E+06	2.50E+06	NA	6.0	1.4 ca	41 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1-Dichloroethylene (I)	75-35-4	7.0 (A)	130	200	2.25E+06	97,000	NA	24	18 nc	330 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
cis-1,2-Dichloroethylene	156-59-2	70 (A)	620	93,000	3.50E+06	5.30E+05	NA	NA	3.4 nc	95 nc		< 1	< 1	< 1	11	< 1	2	< 1	2	< 1	< 1	< 1
trans-1,2-Dichloroethylene	156-60-5	100 (A)	1,500 (X)	85,000	6.30E+06	2.30E+05	NA	470	16 nc	390 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2-Dichloropropane (I)	78-87-5	5.0 (A)	230 (X)	16,000	2.80E+06	5.50E+05	NA	9.1	2.6 nc	74 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3-Dichloropropene	542-75-6	8.5	9.0 (X)	3,900	2.80E+06	1.30E+05	NA	3.3	3.3 (J) ca	95 (J) ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylbenzene (I)	100-41-4	74 (E)	18	1.10E+05	1.69E+05	43,000	700	NA	2.8 ca	74 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Ethylene dibromide	106-93-4	0.05 (A)	5.7 (X)	2,400	4.20E+06	ID	NA	0.17	0.13 ca	3.8 ca		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Hexachlorobutadiene	87-68-3	15	0.053	1,600	3,230	ID	NA	NA	0.32 ca	8.2 ca		< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
2-Hexanone	591-78-6	1,000	ID	4.20E+06	1.60E+07	NA	NA	NA	660 nc	20,000 nc		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Isopropyl benzene	98-82-8	800	28	56,000 (S)	56,000	29,000	NA	NA	0.60 (M) ca	15 ca		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
4-Methyl-2-pentanone (MIBK) (I)	108-10-1	1,800	ID	2.0E+7 (S)	2.00E+07	ID	NA	NA	200 st	3.3E+05 st		< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50
Methyl-tert-butyl ether (MTBE)	1634-04-4	40 (E)	7,100 (X)	4.7E+7 (S)	4.68E+07	ID	240	100	250 ca	7,400 ca		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Methylene chloride	75-09-2	5.0 (A)	1,500 (X)	2.20E+05	1.70E+07	ID	NA	47	79 (FF) st	8,400 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
2-Methylnaphthalene	91-57-6	260	19	25,000 (S)	24,600	ID	NA	NA	66 nc	2,000 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Naphthalene	91-20-3	520	11	31,000 (S)	31,000	NA	NA	NA	4.2 (M) ca	130 ca		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
n-Propylbenzene (I)	103-65-1	80	ID	ID	NA	ID	NA	NA	43 (DD) dev	6,100 (DD) dev		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Styrene	100-42-5	100 (A)	80 (X)	1.70E+05	3.10E+05	1.40E+05	NA	20	33 ca	960 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,1,2-Tetrachloroethane	630-20-6	77	ID	15,000	1.10E+06	ID	NA	19	3.1 ca	89 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2,2-Tetrachloroethane	79-34-5	8.5	78 (X)	12,000	2.97E+06	ID	NA	3.2	2.4 ca	71 ca		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Tetrachloroethylene	127-18-4	5.0 (A)	60 (X)	25,000	2.00E+05	ID	NA	11	1.5 (FF) st	130 (EE) st		< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 1	3
Tetrahydrofuran	109-99-9	95	11,000 (X)	6.9E+06	1.0E+09	60,000	NA	350	45,000 nc	1.4E+06 nc		< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90	< 90
Toluene (I)	108-88-3	790 (E)	270	5.3E+5 (S)	5.26E+05	61,000	1,000	NA	300 (FF) st	41,000 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichlorobenzene	87-61-6	NA	NA	NA	NA	NA	NA	NA	58 nc	1,700 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,2,4-Trichlorobenzene	120-82-1	70 (A)	99 (X)	3.0E+5 (S)	3.00E+05	NA	NA	80	3.8 (M) nc	110 nc		< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5
1,1,1-Trichloroethane	71-55-6	200 (A)	89	6.60E+05	1.33E+06	ID	NA	NA	180 (FF) st	14,000 (EE) st		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,1,2-Trichloroethane	79-00-5	5.0 (A)	330 (X)	17,000	4.42E+06	NA	NA	12	0.47 (M) nc	14 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichloroethylene	79-01-6	5.0 (A)	200 (X)	2,200	1.10E+06	ID	NA	29	7.3E-02 (M) (DD) dev	10 (DD) dev		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Trichlorofluoromethane	75-69-4	2,600	NA	1.1E+6 (S)	1.10E+06	ID	NA	NA	22 nc	190 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,2,3-Trichloropropane	96-18-4	42	NA	8,300	1.90E+06	NA	NA	NA	1.9 nc	57 nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Table 2
Groundwater Analytical Results
Grandview Place
211 and 221 West Grandview Parkway
Traverse City, MI
AE Project No. 22-4426PII

Parameters*	Chemical Abstract Service Number	Residential Drinking Water Criteria	Groundwater Surface Water Interface Criteria	Residential Groundwater Volatilization to Indoor Air Inhalation Criteria	Water Solubility	Flammability and Explosivity Screening Level	Residential Health-Based Drinking Water Value (footnote E)	Surface Water Human Drinking Water Values (HDV)	Residential Volatilization to Indoor Air Pathway (VIAP) Shallow Groundwater	Residential Volatilization to Indoor Air Pathway (VIAP) Groundwater Not In Contact	Lab ID	12192-1	12192-2	12192-3	12192-4	12192-5	12192-6	12192-7	12192-8	12192-9	12192-10	12192-11
											Sample Location	GP3/TW 8-12'	GP12/TW 8-12'	GP14/TW 5-10'	GP20/TW 7-12'	GP23/TW 7-12'	GP26/TW 7-12'	GP27/TW 7-12'	GP28/TW 7-12'	GP29/TW 7-12'	GP32/TW 7-12'	GP35/TW 7-12'
(Refer to detailed laboratory report for method reference data)											Collection Date	3/21/22	3/23/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/22/22	3/23/22	3/23/22
1,2,4-Trimethylbenzene (I)	95-63-6	63 (E)	17	56,000 (S)	55,890	56,000 (S)	1,000	NA	25 (JT) nc	670 (JT) nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
1,3,5-Trimethylbenzene (I)	108-67-8	72 (E)	45	61,000 (S)	61,150	ID	1,000	NA	18 (JT) nc	470 (JT) nc		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Vinyl acetate (I)	108-05-4	640	NA	4.10E+06	2.00E+07	1.80E+06	NA	NA	690 nc	21,000 nc		< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100
Vinyl chloride	75-01-4	2.0 (A)	13 (X)	1,100	2.76E+06	33,000	NA	1.0 (M); 0.25	0.12 (MM) (M) nut	2.1 (MM) mut		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1
Xylenes (I)	1330-20-7	280 (E)	49	1.9E+5 (S)	1.86E+05	70,000	10,000	NA	75 (J) nc	2,000 (J) nc		< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3

Exceedance of MDEGLE Criteria

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 3
Excavation Area One - Verification of Remediation Soil Analytical Results
September 23, 2022

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PRKY
TRAVERSE CITY, MICHIGAN
AE PROJECT NO. 22-4426

	EGLE Criteria for Soils - Residential - Part 213 Generic Cleanup Criteria and Screening Levels (December 30, 2013, updated 6/25/18)																						
			Groundwater Protection		Indoor Air	Ambient Air (Y) (C)				Direct Contact													
	Chemical	Statewide	Drinking	Groundwater	Soil	Infinite Source	Finite	Finite	Particulate	Direct	Soil												
	Abstract	Default	Water	Surface Water	Volatilization	Volatile Soil	VSIC for	VSIC for	Soil	Contact	Saturation	Sample ID	CVS-A1-North	CVS-A1-West	CVS-A1-South	CVS-A1-South 2	CVS-A1-East	CVS-A1-East 2	CVS-A1-Floor 1	CVS-A1-Floor 2	CVS-A1-Floor 3	CVS-A1-Floor 4	CVS-A1-Floor 5
	Service	Background	Protection	Interface	to Indoor Air	Inhalation	5 Meter	2 Meter	Inhalation	Criteria	Concentration	Sample Depth	7'	7'	7'	7'	7'	7'	7'	7'	7'	7'	7'
	Number	Levels	Criteria	Protection	Inhalation	Criteria (VSIC)	Source	Source	Criteria		Screening	Date Sampled	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022	9/23/2022
				Criteria	Criteria		Thickness	Thickness			Levels	Date Analyzed	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022
VOCs - EPA Method SW8260B		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	MDL (µg/kg)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone (I)	67641	NA	15,000	34,000	2.9E+8 (C)	1.3E+08	1.3E+08	1.9E+08	3.9E+11	2.3E+07	1.1E+08	1000	<	<	<	<	<	<	<	<	<	<	<
Benzene (I)	71432	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5	50	<	<	<	<	<	<	<	<	<	<	<
Bromobenzene (I)	108861	NA	550	NA	3.1E+5	4.5E+5	4.5E+5	4.5E+5	5.3E+8	5.40E+05	7.6E+5	100	<	<	<	<	<	<	<	<	<	<	<
Bromochloromethane	74975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	<	<	<	<	<	<	<	<	<	<	<
Bromodichloromethane	75274	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.4E+7	1.10E+05	1.5E+6	100	<	<	<	<	<	<	<	<	<	<	<
Bromoform	75252	NA	1,600 (W)	ID	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.20E+05	8.7E+5	100	<	<	<	<	<	<	<	<	<	<	<
Bromomethane	74839	NA	200	700	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6	200	<	<	<	<	<	<	<	<	<	<	<
n-Butylbenzene	104518	NA	1,600	ID	ID	ID	ID	ID	2.0E+09	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<	<	<	<
sec-Butylbenzene	135988	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<	<	<	<
tert-Butylbenzene (I)	98066	NA	1,600	NA	ID	ID	ID	ID	6.70E+08	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<	<	<	<
Carbon disulfide (I,R)	75150	NA	1.60E+04	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C,DD)	2.80E+05	250	<	<	<	<	<	<	<	<	<	<	<
Carbon Tetrachloride	56235	NA	100	900 (X)	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5	50	<	<	<	<	<	<	<	<	<	<	<
Chlorobenzene	108907	NA	2,000	500	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	4.3E+6 (C)	2.6E+5	50	<	<	<	<	<	<	<	<	<	<	<
Chlorodibromomethane	124481	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.3E+8	1.10E+05	6.1E+5	100	<	<	<	<	<	<	<	<	<	<	<
Chloroethane	75003	NA	8,600	22,000(X)	2.9E+6 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	2.6E+6 (C)	9.50E+05	250	<	<	<	<	<	<	<	<	<	<	<
Chloroform	67663	NA	1,600 (W)	7,000	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.20E+06	1.50E+06	50	<	<	<	<	<	<	<	<	<	<	<
Chloromethane	74873	NA	5,200	ID	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.6E+6 (C)	1.1E+6	250	<	<	<	<	<	<	<	<	<	<	<
2-Chlorotoluene	95498	NA	3,300	ID	2.7E+5	1.2E+6	2.9E+6	6.3E+6	4.70E+09	4.5E+6 (C)	5.00E+05	50	<	<	<	<	<	<	<	<	<	<	<
4-Chlorotoluene	106434	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<	<	<	<
1,2-Dibromo-3-chloropropane	96128	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	10	<	<	<	<	<	<	<	<	<	<	<
1,2-Dibromoethane	106934	NA	NA	NA	NA	NA	24,005	NA	NA	NA	NA	250	<	<	<	<	<	<	<	<	<	<	<
Dibromomethane	74953	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.0E+6	250	<	<	<	<	<	<	<	<	<	<	<
1,2-Dichlorobenzene	95501	NA	14,000	280	1.1E+7 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	1.9E+7 (C)	2.1E+5	100	<	<	<	<	<	<	<	<	<	<	<
1,3-Dichlorobenzene	541731	NA	170	680	26,000	79,000	79,000	1.1E+5	2.0E+8	2.0+5 (C)	1.7E+5	100	<	<	<	<	<	<	<	<	<	<	<
1,4-Dichlorobenzene	106467	NA	1,700	360	19,000	77,000	77,000	1.1E+5	4.5E+8	4.00E+05	NA	100	<	<	<	<	<	<	<	<	<	<	<
1,1-Dichloroethane	75343	NA	18,000	15,000	2.3E+5 (C)	2.1E+6	5.9E+6	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	50	<	<	<	<	<	<	<	<	<	<	<
1,2-Dichloroethane	107062	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.2E+8	9.10E+04	1.2E+6	50	<	<	<	<	<	<	<	<	<	<	<
1,1-Dichloroethene (I)	75354	NA	140	2,600	62	1,100	5300	13,000	6.2E+7	6.6E+5	5.70E+05	50	<	<	<	<	<	<	<	<	<	<	<
cis-1,2-Dichloroethene	156592	NA	1,400	12,000	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	2.5E+6 (C)	6.4E+5	50	<	<	<	<	<	<	<	<	<	<	<
trans-1,2-Dichloroethene	156605	NA	2,000	30,000 (X)	23,000	2.80E+05	8.3E+5	2.00E+06	4.70E+09	3.8E+6 (C)	1.4E+6	50	<	<	<	<	<	<	<	<	<	<	<
1,2-Dichloropropane	78875	NA	100	4,600 (X)	4,000	25,000	50,000	1.1E+5	2.7E+8	1.40E+05	5.5E+5	50	<	<	<	<	<	<	<	<	<	<	<
1,3-Dichloropropane	142289	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<	<	<	<
2,2-Dichloropropane	594207	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<	<	<	<
1,1-Dichloropropene	563586	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<	<	<	<
Ethylbenzene (I)	100414	NA	1,500	360	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	2.2E+7 (C)	1.4E+5	50	<	<	<	<	<	<	<	<	<	<	<
Hexachlorobutadiene (C-46)	87683	NA	26,000	91	1.3E+5	1.3E+5	1.3E+5	1.3E+5	1.4E+8	1.00E+05	3.5E+5	50	<	<	<	<	<	<	<	<	<	<	<
Isopropyl benzene	98828	NA	110	3,200	4.0E+5 (C)	1.7E+6	1.7E+6	2.8E+6	5.8E+9	2.5E+7 (C)	3.90E+05	250	<	<	<	<	<	<	<	<	<	<	<
p-Isopropyltoluene	99876	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	<	<	<	<	<	<	<	<	<	<	<
Methylene Chloride	75092	NA	100	30,000 (X)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.30E+06	2.3E+6	100	<	<	<	<	<	<	<	<	<	<	<
Methyl-tert-butyl ether (MTBE)	1634044	NA	800	1.45E+5 (X)	9.9E+6 (C)	2.5E+7	3.9E+7	8.7E+7	2.0E+11	1.5E+6	5.9E+6	250	<	<	<	<	<	<	<	<	<	<	<
Naphthalene	91203	NA	35,000	730	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.60E+07	NA	250	<	<	<	<	<	<	<	<	<	<	<
n-Propylbenzene	103651	NA	1,600	ID	ID	ID	ID	ID	1.3E+9	2.50E+06	1.0E+7	100	<	<	<	<	<	<	<	<	<	<	<
Styrene	100425	NA	2,700	2,100(X)	2.5E+5	9.7E+5	9.7E+5	1.4E+6	5.50E+09	4.0E+5	5.2E+5	50	<	<	<	<	<	<	<	<	<	<	<
1,1,1,2-Tetrachloroethane	630206	NA	1500	ID	6,200	36,000	54,000	1.0E+5	4.2E+8	4.8+5 (C)	4.40E+05	100	<	<	<	<	<	<	<	<	<	<	<
1,1,2,2-Tetrachloroethane	79345	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.4E+7	5.30E+04	8.7E+5	50	<	<	<	<	<	<	<	<	<	<	<
Tetrachloroethene	127184	NA	100	1,200 (X)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	2.0E+5 (C)	88,000	50	<	<	<	<	<	<	<	<	<	<	<
Toluene (I)	108883	NA	16,000	5,400	3.3E+5 (C)	2.8E+6	5.1E+6	1.20E+07	2.7E+10	5.0E+7 (C)	2.5E+5	100	<	<	<	<	<	<	<	<	<	<	<
1,2,3-Trichlorobenzene	87616	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	<	<	<	<	<	<	<	<	<	<	<
1,2,4-Trichlorobenzene	120821	NA	4,200	5,900 (X)	9.6E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6	250	<	<	<	<	<	<	<	<	<	<	<
1,1,1-Trichloroethane	71556	NA	4,000	1,800	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	5.0E+8 (C)	4.6E+5	50	<	<	<	<	<	<	<	<	<	<	<
1,1,2-Trichloroethane	79005	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5	50	<	<	<	<	<	<	<	<	<	<	<
Trichloroethylene	79016	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.30E+08	1.1E+5 (DD)	5.0E+5	50	<	<	<	<	<	<	<	<	<	<	<
Trichlorofluoromethane	75694	NA	52,000	NA	2.8E+6 (C)	9.2E+7	6.3E+8	1.5E+9	3.8E+12	7.9E+7 (C)	5.6E+5	100	<	<	<	<	<	<	<	<	<	<	<
1,2,3-Trichloropropane	96184	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.3E+5	100	<	<	<	<	<	<	<	<	<	<	<
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<	<	<	<
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.0E+8	5.00E+08	8.2E+10	3.2E+7 (C)	1.10E+05	100	<	<	<	<	<	<	<	<	<	<	<
1,3,5-Trimethylbenzene	108678	NA	1,800	1,100	2.6E+6(C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	3.2E+7 (C)	9.40E+04	100	<	<	<	<	<	<	<	<	<	<	<
Vinyl Chloride	75014	NA	40	260 (X)	270	4,200	30,000	73,000	3.5E+8	3,800	4.90E+05	40	<	<	<	<	<	<	<	<	<	<	<
Xylenes (Total) (I)	1330207	NA	5,600	820	6.3E+6 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	4.1E+8 (C)	1.5E+5	150	<	<	<	<	<	<	<	<	<	<	<
2-Methylnaphthalene	91576	NA	57,000	4,200	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA	250	<	<	<	<	<	<	<	<	<	<	<

* Chromium lab results refer to total chromium

**Criteria for detected compounds have been updated to most recent MDEQ revisions

shading indicates criterion has been exceeded

< : chemical not detected above Method Detection Limit (MDL)

NT: sample not tested for this chemical

NA: not applicable or not available

Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

Table 3
Excavation Area Two - Verification of Remediation Soil Analytical Results
September 19 through 28, 2022

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PRKY
TRAVERSE CITY, MICHIGAN
AE PROJECT NO. 22-4426

	EGLE Criteria for Soils - Residential - Part 213 Generic Cleanup Criteria and Screening Levels (December 30, 2013, updated 6/25/18)																			
			Groundwater Protection		Indoor Air	Ambient Air (Y) (C)				Direct Contact										
	Chemical Abstract Service Number	Statewide Default Background Levels	Drinking Water Protection Criteria	Groundwater Surface Water Interface Protection Criteria	Soil Volatilization to Indoor Air Inhalation Criteria	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	Finite 5 Meter VSIC for Source Thickness	Finite 2 Meter VSIC for Source Thickness	Particulate Soil Inhalation Criteria	Direct Contact Criteria	Soil Saturation Concentration Screening Levels	Sample ID	CVS-A2-SW1	CVS-A2-SW2	CVS-A2-E1	CVS-A2-N1	CVS-A2-S1	CVS-A2-E2	CVS-A2-W1	CVS-A2-N2
												Sample Depth	7'	7'	7'	7'	7'	7'	7'	7'
												Date Sampled	9/20/2022	9/20/2022	9/19/2022	9/16/2022	9/22/2022	9/22/2022	9/22/2022	9/22/2022
												Date Analyzed	9/22/2022	9/22/2022	9/22/2022	9/22/2022	9/28/2022	9/28/2022	9/28/2022	9/28/2022
VOCs - EPA Method SW8260B		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	MDL (µg/kg)	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
Acetone (I)	67641	NA	15,000	34,000	2.9E+8 (C)	1.3E+08	1.3E+08	1.9E+08	3.9E+11	2.3E+07	1.1E+08	1000	<	<	<	<	<	<	<	<
Benzene (I)	71432	NA	100	4,000 (X)	1,600	13,000	34,000	79,000	3.8E+8	1.8E+5	4.0E+5	50	<	<	<	<	<	<	<	<
Bromobenzene (I)	108861	NA	550	NA	3.1E+5	4.5E+5	4.5E+5	4.5E+5	5.3E+8	5.40E+05	7.6E+5	100	<	<	<	<	<	<	<	<
Bromochloromethane	74975	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	<	<	<	<	<	<	<	<
Bromodichloromethane	75274	NA	1,600 (W)	ID	1,200	9,100	9,700	19,000	8.4E+7	1.10E+05	1.5E+6	100	<	<	<	<	<	<	<	<
Bromoform	75252	NA	1,600 (W)	ID	1.5E+5	9.0E+5	9.0E+5	9.0E+5	2.8E+9	8.20E+05	8.7E+5	100	<	<	<	<	<	<	<	<
Bromomethane	74839	NA	200	700	860	11,000	57,000	1.4E+5	3.3E+8	3.2E+5	2.2E+6	200	<	<	<	<	<	<	<	<
n-Butylbenzene	104518	NA	1,600	ID	ID	ID	ID	ID	2.0E+09	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<
sec-Butylbenzene	135988	NA	1,600	ID	ID	ID	ID	ID	4.00E+08	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<
tert-Butylbenzene (I)	98066	NA	1,600	NA	ID	ID	ID	ID	6.70E+08	2.50E+06	1.0E+7	50	<	<	<	<	<	<	<	<
Carbon disulfide (I,R)	75150	NA	1.60E+04	ID	76,000	1.30E+06	7.90E+06	1.90E+07	4.70E+10	7.2E+6 (C,DD)	2.80E+05	250	<	<	<	<	<	<	<	<
Carbon Tetrachloride	56235	NA	100	900 (X)	190	3,500	12,000	28,000	1.3E+8	96,000	3.9E+5	50	<	<	<	<	<	<	<	<
Chlorobenzene	108907	NA	2,000	500	1.2E+5	7.7E+5	9.9E+5	2.1E+6	4.7E+9	4.3E+6 (C)	2.6E+5	50	<	<	<	<	<	<	<	<
Chlorodibromomethane	124481	NA	1,600 (W)	ID	3,900	24,000	24,000	33,000	1.3E+8	1.10E+05	6.1E+5	100	<	<	<	<	<	<	<	<
Chloroethane	75003	NA	8,600	22,000(X)	2.9E+6 (C)	3.0E+7	1.2E+8	2.8E+8	6.7E+11	2.6E+6 (C)	9.50E+05	250	<	<	<	<	<	<	<	<
Chloroform	67663	NA	1,600 (W)	7,000	7,200	45,000	1.2E+5	2.7E+5	1.3E+9	1.20E+06	1.50E+06	50	<	<	<	<	<	<	<	<
Chloromethane	74873	NA	5,200	ID	2,300	40,000	4.1E+5	1.0E+6	4.9E+9	1.6E+6 (C)	1.1E+6	250	<	<	<	<	<	<	<	<
2-Chlorotoluene	95498	NA	3,300	ID	2.7E+5	1.2E+6	2.9E+6	6.3E+6	4.70E+09	4.5E+6 (C)	5.00E+05	50	<	<	<	<	<	<	<	<
4-Chlorotoluene	106434	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<
1,2-Dibromo-3-chloropropane	96128	NA	10 (M); 4.0	ID	220	260	260	260	5.6E+5	4,400 (C)	1,200	10	<	<	<	<	<	<	<	<
1,2-Dibromoethane	106934	NA	NA	NA	NA	NA	24,005	NA	NA	NA	NA	250	<	<	<	<	<	<	<	<
Dibromomethane	74953	NA	1,600	NA	ID	ID	ID	ID	ID	2.5E+6 (C)	2.0E+6	250	<	<	<	<	<	<	<	<
1,2-Dichlorobenzene	95501	NA	14,000	280	1.1E+7 (C)	3.9E+7	3.9E+7	5.2E+7	1.0E+11	1.9E+7 (C)	2.1E+5	100	<	<	<	<	<	<	<	<
1,3-Dichlorobenzene	541731	NA	170	680	26,000	79,000	79,000	1.1E+5	2.0E+8	2.0+5 (C)	1.7E+5	100	<	<	<	<	<	<	<	<
1,4-Dichlorobenzene	106467	NA	1,700	360	19,000	77,000	77,000	1.1E+5	4.5E+8	4.00E+05	NA	100	<	<	<	<	<	<	<	<
1,1-Dichloroethane	75343	NA	18,000	15,000	2.3E+5 (C)	2.1E+6	5.9E+6	1.40E+07	3.30E+10	2.7E+7 (C)	8.90E+05	50	<	<	<	<	<	<	<	<
1,2-Dichloroethane	107062	NA	100	7,200 (X)	2,100	6,200	11,000	26,000	1.2E+8	9.10E+04	1.2E+6	50	<	<	<	<	<	<	<	<
1,1-Dichloroethene (I)	75354	NA	140	2,600	62	1,100	5300	13,000	6.2E+7	6.6E+5	5.70E+05	50	<	<	<	<	<	<	<	<
cis-1,2-Dichloroethene	156592	NA	1,400	12,000	22,000	1.8E+5	4.2E+5	9.9E+5	2.3E+9	2.5E+6 (C)	6.4E+5	50	<	<	<	<	<	<	<	<
trans-1,2-Dichloroethene	156605	NA	2,000	30,000 (X)	23,000	2.80E+05	8.3E+5	2.00E+06	4.70E+09	3.8E+6 (C)	1.4E+6	50	<	<	<	<	<	<	<	<
1,2-Dichloropropane	78875	NA	100	4,600 (X)	4,000	25,000	50,000	1.1E+5	2.7E+8	1.40E+05	5.5E+5	50	<	<	<	<	<	<	<	<
1,3-Dichloropropane	142289	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<
2,2-Dichloropropane	594207	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<
1,1-Dichloropropene	563586	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<
Ethylbenzene (I)	100414	NA	1,500	360	87,000	7.2E+5	1.0E+6	2.2E+6	1.0E+10	2.2E+7 (C)	1.4E+5	50	<	<	<	<	<	<	<	<
Hexachlorobutadiene (C-46)	87683	NA	26,000	91	1.3E+5	1.3E+5	1.3E+5	1.3E+5	1.4E+8	1.00E+05	3.5E+5	50	<	<	<	<	<	<	<	<
Isopropyl benzene	98828	NA	110	3,200	4.0E+5 (C)	1.7E+6	1.7E+6	2.8E+6	5.8E+9	2.5E+7 (C)	3.90E+05	250	<	<	<	<	<	<	<	<
p-Isopropyltoluene	99876	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	<	<	<	<	<	<	<	<
Methylene Chloride	75092	NA	100	30,000 (X)	45,000	2.1E+5	5.9E+5	1.4E+6	6.6E+9	1.30E+06	2.3E+6	100	<	<	<	<	<	<	<	<
Methyl-tert-butyl ether (MTBE)	1634044	NA	800	1,45E+5 (X)	9.9E+6 (C)	2.5E+7	3.9E+7	8.7E+7	2.0E+11	1.5E+6	5.9E+6	250	<	<	<	<	<	<	<	<
Naphthalene	91203	NA	35,000	730	2.5E+5	3.0E+5	3.0E+5	3.0E+5	2.0E+8	1.60E+07	NA	250	<	<	<	<	<	<	<	<
n-Propylbenzene	103651	NA	1,600	ID	ID	ID	ID	ID	1.3E+9	2.50E+06	1.0E+7	100	<	<	<	<	<	<	<	<
Styrene	100425	NA	2,700	2,100(X)	2.5E+5	9.7E+5	9.7E+5	1.4E+6	5.50E+09	4.0E+5	5.2E+5	50	<	<	<	<	<	<	<	<
1,1,1,2-Tetrachloroethane	630206	NA	1500	ID	6,200	36,000	54,000	1.0E+5	4.2E+8	4.8+5 (C)	4.40E+05	100	<	<	<	<	<	<	<	<
1,1,2,2-Tetrachloroethane	79345	NA	170	1,600 (X)	4,300	10,000	10,000	14,000	5.4E+7	5.30E+04	8.7E+5	50	<	<	<	<	<	<	<	<
Tetrachloroethene	127184	NA	100	1,200 (X)	11,000	1.7E+5	4.8E+5	1.1E+6	2.7E+9	2.0E+5 (C)	88,000	50	<	<	<	<	<	<	<	<
Toluene (I)	108883	NA	16,000	5,400	3.3E+5 (C)	2.8E+6	5.1E+6	1.20E+07	2.7E+10	5.0E+7 (C)	2.5E+5	100	**105**	<	<	<	<	<	<	<
1,2,3-Trichlorobenzene	87616	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	250	<	<	<	<	<	<	<	<
1,2,4-Trichlorobenzene	120821	NA	4,200	5,900 (X)	9.6E+6 (C)	2.8E+7	2.8E+7	2.8E+7	2.5E+10	9.9E+5 (DD)	1.1E+6	250	<	<	<	<	<	<	<	<
1,1,1-Trichloroethane	71556	NA	4,000	1,800	2.5E+5	3.8E+6	1.2E+7	2.8E+7	6.7E+10	5.0E+8 (C)	4.6E+5	50	<	<	<	<	<	<	<	<
1,1,2-Trichloroethane	79005	NA	100	6,600 (X)	4,600	17,000	21,000	44,000	1.9E+8	1.8E+5	9.2E+5	50	<	<	<	<	<	<	<	<
Trichloroethylene	79016	NA	100	4,000 (X)	1,000	11,000	25,000	57,000	1.30E+08	1.1E+5 (DD)	5.0E+5	50	<	<	<	<	<	<	<	<
Trichlorofluoromethane	75694	NA	52,000	NA	2.8E+6 (C)	9.2E+7	6.3E+8	1.5E+9	3.8E+12	7.9E+7 (C)	5.6E+5	100	<	<	<	<	<	<	<	<
1,2,3-Trichloropropane	96184	NA	840	NA	4,000	9,200	9,200	11,000	2.00E+07	1.3E+6 (C)	8.3E+5	100	<	<	<	<	<	<	<	<
1,2,3-Trimethylbenzene	526738	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	<	<	<	<	<	<	<	<
1,2,4-Trimethylbenzene (I)	95636	NA	2,100	570	4.3E+6 (C)	2.10E+07	5.0E+8	5.00E+08	8.2E+10	3.2E+7 (C)	1.10E+05	100	<	<	<	<	<	<	<	<
1,3,5-Trimethylbenzene	108678	NA	1,800	1,100	2.6E+6(C)	1.6E+7	3.8E+8	3.8E+8	8.2E+10	3.2E+7 (C)	9.40E+04	100	<	<	<	<	<	<	<	<
Vinyl Chloride	75014	NA	40	260 (X)	270	4,200	30,000	73,000	3.5E+8	3,800	4.90E+05	40	<	<	<	<	<	<	<	<
Xylenes (Total) (I)	1330207	NA	5,600	820	6.3E+6 (C)	4.6E+7	6.1E+7	1.3E+8	2.9E+11	4.1E+8 (C)	1.5E+5	150	<	<	<	<	<	<	<	<
2-Methylnaphthalene	91576	NA	57,000	4,200	2.7E+6	1.5E+6	1.5E+6	1.5E+6	6.7E+8	8.1E+6	NA	250	<	<	<	<	<	<	<	<

* Chromium lab results refer to total chromium
**Criteria for detected compounds have been updated to most recent MDEQ revisions
shading indicates criterion has been exceeded
< : chemical not detected above Method Detection Limit (MDL)
NT: sample not tested for this chemical
NA: not applicable or not available
Note: For definitions of abbreviations and letters in ( ), please see footnote at end of tables.

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-1	10/13/22	7.15	88,000	49,000	1,000	280	31,000	4,700	12,000	<MDL	<MDL	2.7
(8-13')	11/17/22	7.20	78,000	31,000	110	98	24,000	1,200	9,600	<MDL	<MDL	<MDL
	12/15/22	7.55	67,000	20,000	<MDL	59	23,000	5,600	10,000	<MDL	<MDL	<MDL
	1/26/23	7.22	73,000	29,000	<MDL	<MDL	23,000	<MDL	11,000	<MDL	<MDL	<MDL
	2/16/23	6.90	57,000	33,000	<MDL	<MDL	19,000	4,700	9,400	<MDL	<MDL	<MDL
	3/23/23	7.63	50,000	39,000	<MDL	<MDL	12,000	3,600	7,700	<MDL	<MDL	<MDL
	4/13/23	7.01	-	64,000	-	<MDL	6,600	2,500	3,400	<MDL	<MDL	<MDL

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-1	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(8-13')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**2.3**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-2	10/13/22	7.20	80,000	40,000	1,000	1,100	31,000	3,600	12,000	<MDL	<MDL	2.9
(8.5-13.5')	11/17/22	7.25	65,000	<MDL	120	200	19,000	3,400	3,900	<MDL	<MDL	<MDL
	12/15/22	7.62	61,000	<MDL	<MDL	150	19,000	3,300	2,300	<MDL	<MDL	<MDL
	1/26/23	7.69	66,000	<MDL	<MDL	51	12,000	<MDL	2,400	<MDL	<MDL	<MDL
	2/16/23	7.90	61,000	28,000	<MDL	<MDL	8,900	6,600	2,400	<MDL	<MDL	5.6
	3/23/23	7.76	220,000	410,000	180	<MDL	12,000	1,600	2,300	<MDL	<MDL	<MDL
	4/13/23	7.19	-	97,000	-	110	9,700	3,600	2,700	<MDL	<MDL	<MDL

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-2	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(8.5-13.5')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**1.9**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

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Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-3	10/13/22	7.60	110,000	150,000	1,200	1,100	14,000	9,500	870	<MDL	<MDL	<MDL
(10-15')	11/17/22	7.60	100,000	130,000	240	51	48,000	4,600	5,800	<MDL	<MDL	3.1
	12/15/22	7.98	78,000	59,000	<MDL	<MDL	41,000	4,700	3,700	<MDL	<MDL	<MDL
	1/26/23	8.10	66,000	25,000	<MDL	51	28,000	<MDL	1,300	<MDL	<MDL	<MDL
	2/16/23	8.13	59,000	19,000	<MDL	<MDL	23,000	5,100	1,100	<MDL	<MDL	<MDL
	3/23/23	8.14	110,000	190,000	<MDL	<MDL	13,000	2,900	1,400	<MDL	<MDL	<MDL
	4/13/23	7.59	-	130,000	-	<MDL	11,000	5,300	1,500	<MDL	<MDL	<MDL

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-3	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(10-15')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**2.6**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

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211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-4	10/13/22	6.85	120,000	70,000	1,300	1,500	38,000	<MDL	26,000	<MDL	<MDL	<MDL
(8.5-13.5')	11/17/22	6.80	110,000	66,000	<MDL	68	45,000	11,000	31,000	<MDL	<MDL	3.9
	12/15/22	7.08	82,000	40,000	140	<MDL	29,000	7,300	15,000	<MDL	<MDL	7.6
	1/26/23	7.21	89,000	50,000	120	54	33,000	<MDL	19,000	<MDL	<MDL	3.3
	2/16/23	7.29	70,000	33,000	<MDL	<MDL	23,000	7,100	11,000	<MDL	<MDL	4.0
	3/23/23	7.34	60,000	26,000	<MDL	<MDL	18,000	7,000	9,400	<MDL	<MDL	<MDL
	4/13/23	6.64	-	12,000	<MDL	<MDL	9,800	4,900	3,900	<MDL	<MDL	<MDL

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-4	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(8.5-13.5')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**1.3**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-5	10/13/22	7.08	190,000	230,000	19,000	2,600	8,400	77,000	260	<MDL	<MDL	2,500
(6-11')	11/17/22	7.30	570,000	520,000	36,000	8,900	41,000	18,000	770	<MDL	<MDL	1,500
	12/15/22	7.48	340,000	600,000	35,000	7,200	29,000	34,000	<MDL	<MDL	<MDL	3,100
	1/26/23	7.61	220,000	360,000	17,000	8,000	29,000	<MDL	2,200	<MDL	<MDL	2,600
	2/16/23	7.73	120,000	150,000	8,600	6,500	25,000	32,000	<MDL	<MDL	<MDL	1,700
	3/23/23	7.58	130,000	180,000	9,700	8,700	39,000	11,000	150	<MDL	<MDL	3,200
	4/13/23	7.11	-	32,000	-	2,100	31,000	8,800	370	<MDL	<MDL	1,700

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-5	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	**3.7***	<1.0	<1.0
(6-11')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	**2.3**	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	**3.1**	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	**1.9**	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	**1.4**	<1.0	<1.0
	3/23/23	<1.0	**1.3**	<1.0	<3.0	<1.0	<1.0	**1.7**	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-6	10/13/22	7.10	150,000	130,000	1,000	1,000	91,000	<MDL	10,000	<MDL	<MDL	130
(6-11')	11/17/22	7.15	130,000	160,000	170	740	79,000	10,000	5,600	<MDL	<MDL	43
	12/15/22	7.39	110,000	110,000	240	140	78,000	13,000	4,300	<MDL	<MDL	83
	1/26/23	7.52	90,000	64,000	<MDL	51	62,000	<MDL	4,400	<MDL	<MDL	67
	2/16/23	7.61	69,000	37,000	<MDL	<MDL	47,000	9,000	4,400	<MDL	<MDL	62
	3/23/23	7.52	66,000	36,000	<MDL	<MDL	39,000	9,900	2,400	<MDL	<MDL	130
	4/13/23	6.80	-	13,000	-	<MDL	22,000	7,000	2,800	<MDL	<MDL	17

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-6	10/13/22	<1.0	<1.0	<1.0	<3.0	**3.0***	<1.0	<1.0	<1.0	<1.0
(6-11')	11/17/22	<1.0	<1.0	<1.0	<3.0	**2.1***	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	**1.9***	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	**1.5***	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	**1.3**	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	<1.0	<1.0	<3.0	**1.3**	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-7	10/13/22	6.95	130,000	110,000	150	<MDL	45,000	7,100	22,000	<MDL	<MDL	<MDL
(6-11')	11/17/22	6.90	140,000	94,000	640	51	38,000	7,200	25,000	<MDL	<MDL	<MDL
	12/15/22	7.24	78,000	41,000	<MDL	<MDL	20,000	7,300	9,100	<MDL	<MDL	<MDL
	1/26/23	7.26	68,000	21,000	<MDL	63	12,000	<MDL	5,700	<MDL	<MDL	<MDL
	2/16/23	7.34	56,000	13,000	<MDL	<MDL	7,900	5,500	3,500	<MDL	<MDL	<MDL
	3/23/23	7.22	55,000	20,000	<MDL	<MDL	8,200	5,800	4,800	<MDL	<MDL	<MDL
	4/13/23	6.72	-	<MDL	960	56	3,500	3,200	1,500	<MDL	<MDL	<MDL

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-7	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(6-11')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**2.1**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-8	10/13/22	6.78	120,000	100,000	1,200	1,400	28,000	8,000	5,100	<MDL	<MDL	120
(6-11')	11/17/22	6.85	150,000	170,000	650	<MDL	54,000	7,400	11,000	<MDL	<MDL	72
	12/15/22	6.97	150,000	160,000	910	460	53,000	7,100	16,000	<MDL	<MDL	66
	1/26/23	7.29	140,000	170,000	1,200	880	53,000	<MDL	5,700	<MDL	<MDL	120
	2/16/23	7.47	200,000	160,000	2,200	660	55,000	5,600	4,300	<MDL	<MDL	140
	3/23/23	7.22	85,000	93,000	500	260	42,000	6,000	2,500	<MDL	<MDL	72
	4/13/23	6.61	-	29,000	1,070	160	21,000	6,700	5,000	<MDL	<MDL	13

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-8	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(6-11')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**1.3**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

GROUNDWATER TIME SERIES CHART

MARRIOT TRIBUTE HOTEL
211 & 221 W. GRANDVIEW PARKWAY
TRAVERSE CITY, MICHIGAN

Monitoring Well	Date	Depth to Water	Calcium	Chloride	Iron	Iron, Ferrous	Sulfate	TOC	Nitrate	Ethane	Ethene	Methane
MW-9	10/13/22	6.80	110,000	88,000	1,300	1,300	91,000	12,000	2,700	<MDL	<MDL	22
(6-11')	11/17/22	6.95	130,000	96,000	520	150	85,000	28,000	9,500	<MDL	<MDL	4.8
	12/15/22	7.18	110,000	92,000	450	300	91,000	31,000	11,000	<MDL	<MDL	<MDL
	1/26/23	7.53	76,000	68,000	580	96	72,000	<MDL	9,900	<MDL	<MDL	<MDL
	2/16/23	7.71	46,000	29,000	520	<MDL	32,000	22,000	3,000	<MDL	<MDL	<MDL
	3/23/23	7.20	38,000	21,000	900	<MDL	21,000	22,000	2,100	<MDL	<MDL	<MDL
	4/13/23	6.80	-	11,000	-	220	11,000	36,000	1,600	<MDL	<MDL	4.5

Monitoring Well	Date	Benzene	Toluene	Ethylbenzene	Xylenes	PCE	TCE	1,2-cis-DCE	1,2-trans-DCE	Vinyl Chloride
MW-9	10/13/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
(6-11')	11/17/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/15/22	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	1/26/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/16/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	3/23/23	<1.0	**1.2**	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0
	4/13/23	<1.0	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0

Chemical Compounds Key

PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-dichloroethene
trans-1,2-DCE = trans-1,2-dichloroethene

<MDL = Compound not detected above laboratory method detection limit.
All concentrations are in ug/L – micrograms per liter (parts per billion).
* Shading = compound reported above EGLE provided site-specific Volatilization to Indoor Air Pathway (VIAP) Screening Levels.

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-1	SG-1	SG-1	SG-1	SG-1	SG-1	SG-1
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**71**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**500**	<	**24**	**40**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	**62**	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**48,790**	**74**	**5,200**	**22,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**800**	<	<	**1,000**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**388**	<	<	**90**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-2	SG-2	SG-2	SG-2	SG-2	SG-2	SG-2
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**580**	<	**24**	**39**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	**47**	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**50,100**	**49**	**4,350**	**14,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**860**	<	<	**450**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**450**	<	<	**73**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-3	SG-3	SG-3	SG-3	SG-3	SG-3	SG-3
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**410**	<	**24**	**44**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**39,720**	**49**	**4,130**	**14,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**470**	<	<	**520**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**34**	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**260**	<	<	**67**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	**<**	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-4	SG-4	SG-4	SG-4	SG-4	SG-4	SG-4
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**48**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**580**	<	**24**	**42**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**46,240**	<	**4,380**	**13,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**740**	<	<	**430**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**388**	<	<	**52**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-5	SG-5	SG-5	SG-5	SG-5	SG-5	SG-5
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**95**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**360**	<	**24**	**43**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**35,540**	**49**	**3,860**	**13,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**380**	<	<	**470**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**230**	<	<	**59**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	**17**	<	<	<	<	<	<
2,2,4-Trimethylpentane	540841	1.2E+05 nc	1.8E+05 nc	<	<	**14**	<	<	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-6	SG-6	SG-6	SG-6	SG-6	SG-6	SG-6
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**460**	<	**24**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**38,670**	<	**4,030**	**13,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**530**	<	<	**410**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**54**	<	<	<	<	**14**	**27**
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**280**	<	<	**50**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-7	SG-7	SG-7	SG-7	SG-7	SG-7	SG-7
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**340**	<	**30**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**36,180**	<	**8,160**	**15,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**380**	<	<	**570**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**47**	<	<	<	<	<	**20**
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**190**	<	<	**58**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-8	SG-8	SG-8	SG-8	SG-8	SG-8	SG-8
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**420**	<	**24**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**39,450**	<	**4,200**	**24,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**590**	<	<	**1,200**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**280**	<	<	**85**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-9	SG-9	SG-9	SG-9	SG-9	SG-9	SG-9
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**460**	<	-	-	-	-
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	**62**	<	<	-	-	-	-
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	-	-	-	-
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**34,830**	<	-	-	-	-
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**530**	<	-	-	-	-
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	-	-	-	-
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**260**	<	-	-	-	-
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	**28**	<	<	-	-	-	-

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-10	SG-10	SG-10	SG-10	SG-10	SG-10	SG-10
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**390**	<	**30**	**48**	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**34,630**	<	**3,980**	**14,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**410**	<	<	**480**	<	<
Styrene	100425	1,500	3,500	<	<	<	**8.5**	<	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**180**	<	<	**56**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	**28**	**22**	<	<	<	<	**22**

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-11	SG-11	SG-11	SG-11	SG-11	SG-11	SG-11
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**71**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**320**	<	**18**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**32,520**	**74**	**6,810**	**22,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**380**	<	<	**900**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**81**	<	<	<	<	<	**14**
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**170**	<	<	**76**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-12	SG-12	SG-12	SG-12	SG-12	SG-12	SG-12
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**71**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**350**	<	**24**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**26,330**	<	**2,780**	**5,900**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**270**	<	<	**280**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**200**	<	<	**49**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-13	SG-13	SG-13	SG-13	SG-13	SG-13	SG-13
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
Acetone	67641	1.0E+06 (EE) st	1.0E+06 (EE) st	<	<	**71**	<	<	<	<
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**380**	<	**30**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	**58**	**<**	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**36,600**	**49**	**5,700**	**17,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**530**	<	<	**660**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	<	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**220**	<	<	**65**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	<	<	<	<	<	<	<

211 & 221 W. Grandview Parkway		EGLE Site-Specific Volatilization to Indoor Air Criteria		SG-14	SG-14	SG-14	SG-14	SG-14	SG-14	SG-14
Traverse City, MI		SOIL VAPOR		10/12/2022	11/16/22	12/15/22	1/26/23	2/17/23	3/23/23	4/14/23
PROJECT #22-4426		UNRESTRICTED RESIDENTIAL	RESTRICTED NONRESIDENTIAL	SG	SG	SG	SG	SG	SG	SG
EPA METHOD TO-15		Soil Gas	Soil Gas							
CHEMICAL	CAS#	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**350**	<	**24**	<	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	<	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	<	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**33,200**	<	**1,900**	**13,000**	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	**440**	<	<	**380**	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**34**	<	<	<	<	<	<
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**190**	<	<	**43**	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	**79**	**28**	<	**17**	<	**11**	**11**

Soil-Gas Analytical Results
Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, MI

211 & 221 W. Grandview Parkway		**EGLE Site-Specific Volatilization to Indoor Air Criteria**		**SG-15**	**SG-15**	**SG-15**	**SG-15**	**SG-15**	**SG-15**	**SG-15**
Traverse City, MI		**SOIL VAPOR**		**10/12/2022**	**11/16/22**	**12/15/22**	**1/26/23**	**2/17/23**	**3/23/23**	**4/14/23**
PROJECT #22-4426		**UNRESTRICTED RESIDENTIAL**	**RESTRICTED NONRESIDENTIAL**	**SG**	**SG**	**SG**	**SG**	**SG**	**SG**	**SG**
EPA METHOD TO-15		**Soil Gas**	**Soil Gas**							
CHEMICAL	**CAS#**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**	**µg/m³**
1,3-Dichlorobenzene	541731	100 nc	180 nc	<	**240**	<	**24**	-	<	<
Ethanol	64175	6.3E+05 (EE) st	6.3E+05 (EE) st	<	<	<	<	**-**	<	<
Heptane	142825	1.2E+05 nc	1.8E+05 nc	<	<	<	<	-	<	<
Isopropyl Alcohol	78831	7,000 nc	1.7E+05 nc	<	**98**	<	**4,770**	-	<	<
2-Butanone (MEK)	78933	1.7E+05 (DD) dev	1.7E+05 (DD) dev	<	<	<	<	-	<	<
Tetrachloroethene	127184	1,400 (EE) st	1,400 (EE) st	**130**	<	<	<	-	**20**	**27**
Toluene	108883	1.7E+05 (EE) st	2.5E+05 (EE) st	<	**75**	<	<	-	<	<
Trichlorofluoromethane	65694	15,000 nc	22,000 nc	**180**	**73**	**51**	**39**	**-**	**51**	**39**

<: Chemical Not Detected above Method Detection Limit.

FOOTNOTES

**Soil gas site-specific volatilization to indoor air (SSVIAC) are applicable for all depths.

- Acceptable Air Values (AAV) endpoint basis used for SSVIAC: (**ca**) = Carcinogenetic; (**nc**) = Non-Carcinogenetic; (**dev**) = Developmental; (**mut**) = Mutagenic cancer; (**st**) = Short-term (i.e., less than chronic exposure).
- Footnote (**#**): Acceptable air concentrations (AAC) cannot be adjusted to a 12-hour exposure time for hazardous substance.
- Footnote **AA**: Health-based groundwater SSVIAC are not available due to insufficient toxicological data. Dissolved-phase methane in groundwater is not explosive; however, if liberated and allowed to accumulate in an enclosed structure the principle health and safety concerns are explosive, flammable, and asphyxiant properties of gas phase methane. The acceptable groundwater concentration is the flammability and explosivity screening level (**FESL**) of 10,000 µg/L.
- Footnote **C**: The health-based SSVIAC exceeds the chemical-specific soil saturation screening level (**Csat**). The person proposing or implementing response activity must document whether additional response activity is required to control non aqueous phase liquid (**NAPL**) to protect against risks associated with NAPL by using methods appropriate for the NAPL present.
- Footnote **CC**: Insufficient chemical-physical input parameters have been identified to allow the development of a health-based SSVIAC using standard methods. The health based SSVIAC for groundwater is developed based solely on the approach that the department uses for shallow groundwater. If groundwater detections are present, soil vapor may be the most appropriate media to evaluate risk posed from the VIAP.
- Footnote **DATA**: Insufficient physical chemical parameters to calculate a health based SSVIAC for specified media. If detections are present in specified media, health-based soil vapor SSVIAC should be used to evaluate risk.
- Footnote **DD**: Hazardous substance causes developmental effects. Residential SSVIAC are protective of both prenatal exposure using a pregnant female receptor and postnatal exposure using a child receptor. Nonresidential SSVIAC are protective of prenatal exposure using a pregnant female receptor. Prenatal developmental effects may occur after an acute (i.e. short-term) or full-term exposure.
- Footnote **EE**: The acceptable air concentration (**AAC**) for the volatile hazardous substances is not derived using standard methods. The hazardous substance may cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The AAC for these hazardous substances is the acute or intermediate minimum risk level (MRL) developed by the Agency for Toxic Substances and Disease Registry (ATSDR), a United States Environmental Protection Agency Integrated Risk Information System (IRIS) acute reference concentration, or EGLE's Air Quality Division acute initial threshold screening level (ITSL).
- Footnote **FF**: The AAC for the volatile hazardous substances are based on toxicity values that have been identified to have the potential to cause adverse human health effects for less than chronic exposures (i.e. short-term or acute). The short-term exposure for shallow groundwater health based SSVIAC are based on modification of the standard methods by the department to develop applicable shallow groundwater values.
- Footnote **GG**: Health-based SSVIAC for soil vapor are not available due to insufficient toxicological data. The soil vapor value addresses the health and safety concerns of explosive, flammable, and asphyxiant properties of gas phase methane. The acceptable soil vapor concentration is derived based on 25% of the lower explosive level (**LEL**) for methane.
- Footnote **GW**: The calculated health based SSVIAC for a hazardous substance based upon shallow groundwater is considered protective when it is greater than the calculated value for groundwater.
- Footnote **ID**: Requires further evaluation to determine the appropriate media to sample.
- Footnote **J**: Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria.
- Footnote **JT**: Hazardous substance may be present in several isomer forms. The health-based SSVIAC may be used for the individual isomer provided that it is the sole isomer detected; however, when multiple isomers are detected in a medium, the isomer-specific concentrations must be added together and compared to the most restrictive health-based SSVIAC of the detected isomers.
- Footnote **M**: The health based SSVIAC may be below target detection limits (**TDL**). In accordance with Sec. 20120a(10) when the TDL for a hazardous substance is greater than the developed health-based SSVIAC, the TDL is used to evaluate the risk posed from the pathway.
- Footnote **MM**: Hazardous substance is a carcinogen with a mutagenic mode of action. The cancer potency values used in calculating health-based SSVIAC are modified using age-dependent adjustment factors for those carcinogenic chemicals identified as mutagenic.
- Footnote **NA**: The hazardous substance does not meet the department's definition of a volatile; therefore, no health based SSVIAC were developed.
- Footnote **NR**: The hazardous substance has not been previously evaluated by the Remediation and Redevelopment Division Toxicology Unit. The identification, collection, and evaluation of toxicological literature and chemical-physical data cannot be completed within the timeframe requested.
- Footnote **S**: Calculated health-based SSVIAC exceeds the hazardous substance-specific water solubility limit; therefore, the water solubility limit is used to evaluate the risk posed from the pathway.
- Footnote **TX**: The Remediation and Redevelopment Division Toxicology Unit has not identified an inhalation toxicity value for the hazardous substance.

ATTACHMENT 4: Soil Disposal Manifest/Weight Tickets

Date	Profile #	Manifest/A	Ticket #	Material	Facility	Carrier	Vehicle	Tons/Tonnes
9/16/2022	131053MI	131053MI	249320	Unspecifie	Glen's LF		127 LEAD	29.92
9/16/2022	131053MI	131053MI	249321	Unspecifie	Glen's LF		401-163	28.72
9/16/2022	131053MI	131053MI	249332	Unspecifie	Glen's LF		127 LEAD	25.91
9/16/2022	131053MI	131053MI	249329	Unspecifie	Glen's LF		400-128	33.05
9/16/2022	131053MI	131053MI	249334	Unspecifie	Glen's LF		401-163	33.34
9/16/2022	131053MI	131053MI	249339	Unspecifie	Glen's LF		400-128	26.28
9/16/2022	131053MI	131053MI	249341	Unspecifie	Glen's LF		127 LEAD	25.43
9/16/2022	131053MI	131053MI	249343	Unspecifie	Glen's LF		401-163	24.9
9/16/2022	131053MI	131053MI	249350	Unspecifie	Glen's LF		400-128	25.68
9/16/2022	131053MI	131053MI	249355	Unspecifie	Glen's LF		127 LEAD	23.96
9/16/2022	131053MI	131053	249359	Unspecifie	Glen's LF		401-163	31.52
9/16/2022	131053MI	131053MI	249361	Unspecifie	Glen's LF		400-128	24.42
9/16/2022	131053MI	131053MI	249363	Unspecifie	Glen's LF		127 LEAD	21.16
9/16/2022	131053MI	131053MI	249365	Unspecifie	Glen's LF		401-163	25.35
9/16/2022	131053MI	131053MI	249368	Unspecifie	Glen's LF		400-128	24.29
9/16/2022	131053MI	131053MI	249371	Unspecifie	Glen's LF		127 LEAD	35.01
9/16/2022	131053MI	131053MI	249373	Unspecifie	Glen's LF		401-163	27.93
9/16/2022	131053MI	131053MI	249379	Unspecifie	Glen's LF		127 LEAD	26.7
9/16/2022	131053MI	131053MI	249378	Unspecifie	Glen's LF		108238	27.41
9/19/2022	131053MI	131053MI	249386	Unspecifie	Glen's LF		401-163	26.98
9/19/2022	131053MI	131053MI	249391	Unspecifie	Glen's LF		108238	26.13
9/19/2022	131053MI	131053MI	249389	Unspecifie	Glen's LF		322 323	25.3
9/19/2022	131053MI	131053MI	249390	Unspecifie	Glen's LF		336	24.5
9/19/2022	131053MI	131053MI	249396	Unspecifie	Glen's LF		401-163	24.02
9/19/2022	131053MI	131053MI	249400	Unspecifie	Glen's LF		322 323	25.61
9/19/2022	131053MI	131053MI	249401	Unspecifie	Glen's LF		336	22.95
9/19/2022	131053MI	131053	249402	Unspecifie	Glen's LF		108238	20.24
9/19/2022	131053MI	131053MI	249403	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	26.05
9/19/2022	131053MI	131053MI	249404	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	30.23
9/19/2022	131053MI	131053MI	249406	Unspecifie	Glen's LF		401-163	23.45
9/19/2022	131053MI	131053MI	249411	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	30.65
9/19/2022	131053MI	131053MI	249410	Unspecifie	Glen's LF		111 LEAD	28.18
9/19/2022	131053MI	131053MI	249414	Unspecifie	Glen's LF		322 323	25.67
9/19/2022	131053MI	131053MI	249415	Unspecifie	Glen's LF		336	23.88
9/19/2022	131053MI	131053MI	249416	Unspecifie	Glen's LF		108238	23.64
9/19/2022	131053MI	131053MI	249417	Unspecifie	Glen's LF		401-163	26.14
9/19/2022	131053MI	131053MI	249420	Unspecifie	Glen's LF		111 LEAD	31.06
9/19/2022	131053MI	131053MI	249423	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	28.78
9/19/2022	131053MI	131053MI	249424	Unspecifie	Glen's LF		322 323	26.39
9/19/2022	131053MI	131053MI	249425	Unspecifie	Glen's LF		336	22.29
9/19/2022	131053MI	131053MI	249426	Unspecifie	Glen's LF		400-128	22.75
9/19/2022	131053MI	131053MI	249430	Unspecifie	Glen's LF		108238	23.24
9/19/2022	131053MI	131053MI	249432	Unspecifie	Glen's LF		401-163	26.75
9/19/2022	131053MI	131053MI	249434	Unspecifie	Glen's LF		111 LEAD	38.34
9/19/2022	131053MI	131053MI	249436	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	27.85
9/19/2022	131053MI	131053MI	249438	Unspecifie	Glen's LF		400-128	26.37

9/19/2022	131053MI	131053MI	249439	Unspecifie	Glen's LF		336	24.48
9/19/2022	131053MI	131053MI	249440	Unspecifie	Glen's LF		322 323	35.39
9/19/2022	131053MI	131053MI	249442	Unspecifie	Glen's LF		108238	24.85
9/19/2022	131053MI	131053MI	249444	Unspecifie	Glen's LF		401-163	27.59
9/19/2022	131053MI	131053MI	249445	Unspecifie	Glen's LF		111 LEAD	27.12
9/19/2022	131053MI	131053MI	249447	Unspecifie	Glen's LF	GOLBAL AS	015 LEAD	29.59
9/19/2022	131053MI	131053MI	249448	Unspecifie	Glen's LF		400-128	27.07
9/19/2022	131053MI	131053MI	249449	Unspecifie	Glen's LF		336	25.81
9/19/2022	131053MI	131053MI	249453	Unspecifie	Glen's LF		322 323	34.11
9/19/2022	131053MI	131053MI	249456	Unspecifie	Glen's LF		401-163	34.16
9/19/2022	131053MI	131053MI	249459	Unspecifie	Glen's LF		111 LEAD	36.5
9/20/2022	131053MI	131053MI	249467	Unspecifie	Glen's LF		400-128	29.15
9/20/2022	131053MI	131053MI	249468	Unspecifie	Glen's LF		127 LEAD	38.42
9/20/2022	131053MI	131053MI	249469	Unspecifie	Glen's LF		235 237	25.52
9/20/2022	131053MI	131053MI	249471	Unspecifie	Glen's LF		401-163	30.04
9/20/2022	131053MI	131053MI	249473	Unspecifie	Glen's LF		336	26.28
9/20/2022	131053MI	131053MI	249475	Unspecifie	Glen's LF		400-128	28.64
9/20/2022	131053MI	131053MI	249476	Unspecifie	Glen's LF		127 LEAD	36.62
9/20/2022	131053MI	131053MI	249479	Unspecifie	Glen's LF		235 237	26.08
9/20/2022	131053MI	131053MI	249480	Unspecifie	Glen's LF		401-163	26.13
9/20/2022	131053MI	131053MI	249482	Unspecifie	Glen's LF		336	25.95
9/20/2022	131053MI	131053MI	249484	Unspecifie	Glen's LF		400-128	29.38
9/20/2022	131053MI	131053MI	249485	Unspecifie	Glen's LF		127 LEAD	34.34
9/20/2022	131053MI	131053MI	249488	Unspecifie	Glen's LF		235 237	27.4
9/20/2022	131053MI	131053MI	249491	Unspecifie	Glen's LF		401-163	29.97
9/20/2022	131053MI	131053MI	249493	Unspecifie	Glen's LF		336	25.68
9/20/2022	131053MI	131053MI	249495	Unspecifie	Glen's LF		400-128	28.2
9/20/2022	131053MI	131053MI	249498	Unspecifie	Glen's LF		127 LEAD	32.94
9/20/2022	131053MI	131053MI	249501	Unspecifie	Glen's LF		235 237	22.93
9/20/2022	131053MI	131053MI	249502	Unspecifie	Glen's LF		401-163	24.54
9/22/2022	131053MI	131053MI	249569	Unspecifie	Glen's LF	GOLBAL AS	022 LEAD	32.85
9/22/2022	131053MI	131053MI	249570	Unspecifie	Glen's LF	LEAD	661 LEAD	32.11
9/22/2022	131053MI	131053MI	249567	Unspecifie	Glen's LF	LEAD	663 LEAD	32.86
9/22/2022	131053MI	131053MI	249580	Unspecifie	Glen's LF	GOLBAL AS	022 LEAD	36.36
9/22/2022	131053MI	131053MI	249581	Unspecifie	Glen's LF	LEAD	661 LEAD	32.5
9/22/2022	131053MI	131053MI	249583	Unspecifie	Glen's LF	LEAD	663 LEAD	16.55
9/22/2022	131053MI	131053MI	249591	Unspecifie	Glen's LF	LEAD	661 LEAD	25.78
9/22/2022	131053MI	131053MI	249594	Unspecifie	Glen's LF	LEAD	663 LEAD	31.81
9/22/2022	131053MI	131053MI	249578	Unspecifie	Glen's LF	GOLBAL AS	031 LEAD	35.65
9/22/2022	131053MI	131053MI	249598	Unspecifie	Glen's LF	LEAD	661 LEAD	29.85
9/22/2022	131053MI	131053MI	249601	Unspecifie	Glen's LF	LEAD	663 LEAD	24.36
9/22/2022	131053MI	131053MI	249604	Unspecifie	Glen's LF	LEAD	661 LEAD	27.74
9/22/2022	131053MI	131053MI	249605	Unspecifie	Glen's LF	LEAD	663 LEAD	26.78
9/23/2022	131053MI	131053MI	249613	Unspecifie	Glen's LF		127 LEAD	32.33
9/23/2022	131053MI	131035MI	249615	Unspecifie	Glen's LF		414	30.36
9/23/2022	131053MI	131053MI	249625	Unspecifie	Glen's LF		127 LEAD	36.66
9/23/2022	131053MI	131053MI	249626	Unspecifie	Glen's LF		414 LEAD	29.53

9/23/2022	131053MI	131053MI	249633	Unspecifie	Glen's LF	127 LEAD	40.36
9/23/2022	131053MI	131053MI	249636	Unspecifie	Glen's LF	414 LEAD	34.77
9/23/2022	131053MI	131053MI	249638	Unspecifie	Glen's LF	401-163	30.58
9/23/2022	131053MI	131053MI	249643	Unspecifie	Glen's LF	127 LEAD	35.68
9/23/2022	131053MI	131053MI	249645	Unspecifie	Glen's LF	414 LEAD	28.03
9/23/2022	131053MI	131053MI	249647	Unspecifie	Glen's LF	401-163	27.36
9/23/2022	131053MI	131053MI	249651	Unspecifie	Glen's LF	414 LEAD	28.16
9/23/2022	131053MI	131053MI	249652	Unspecifie	Glen's LF	401-163	27.3
9/23/2022	131053MI	131053MI	249654	Unspecifie	Glen's LF	127 LEAD	30.9
9/23/2022	131053MI	131053MI	249661	Unspecifie	Glen's LF	414 LEAD	28.79
9/23/2022	131053MI	131053MI	249662	Unspecifie	Glen's LF	401-163	26.89
9/23/2022	131053MI	131053MI	249665	Unspecifie	Glen's LF	127 LEAD	34.47
9/23/2022	131053MI	131053MI	249669	Unspecifie	Glen's LF	414 LEAD	26.25
						TOTAL TONNAGE:	3016.92

Material Quantity	Material Unit
29.92	TON
28.72	TON
25.91	TON
33.05	TON
33.34	TON
26.28	TON
25.43	TON
24.9	TON
25.68	TON
23.96	TON
31.52	TON
24.42	TON
21.16	TON
25.35	TON
24.29	TON
35.01	TON
27.93	TON
26.7	TON
27.41	TON
26.98	TON
26.13	TON
25.3	TON
24.5	TON
24.02	TON
25.61	TON
22.95	TON
20.24	TON
26.05	TON
30.23	TON
23.45	TON
30.65	TON
28.18	TON
25.67	TON
23.88	TON
23.64	TON
26.14	TON
31.06	TON
28.78	TON
26.39	TON
22.29	TON
22.75	TON
23.24	TON
26.75	TON
38.34	TON
27.85	TON
26.37	TON

24.48 TON
35.39 TON
24.85 TON
27.59 TON
27.12 TON
29.59 TON
27.07 TON
25.81 TON
34.11 TON
34.16 TON
36.5 TON
29.15 TON
38.42 TON
25.52 TON
30.04 TON
26.28 TON
28.64 TON
36.62 TON
26.08 TON
26.13 TON
25.95 TON
29.38 TON
34.34 TON
27.4 TON
29.97 TON
25.68 TON
28.2 TON
32.94 TON
22.93 TON
24.54 TON
32.85 TON
32.11 TON
32.86 TON
36.36 TON
32.5 TON
16.55 TON
25.78 TON
31.81 TON
35.65 TON
29.85 TON
24.36 TON
27.74 TON
26.78 TON
32.33 TON
30.36 TON
36.66 TON
29.53 TON

40.36 TON
34.77 TON
30.58 TON
35.68 TON
28.03 TON
27.36 TON
28.16 TON
27.3 TON
30.9 TON
28.79 TON
26.89 TON
34.47 TON
26.25 TON

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249320

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 08:20:44	SCALE1	KKLOSTER		Gross	94660 lb
Out	09/16/2022 08:36:37	SCALE1	KKLOSTER		Tare	34820 lb
					Net	59840 lb
					Tons	29.92

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.92	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	29.92	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249321

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 08:23:37	SCALE1	KKLOSTER		Gross	98960 lb
Out	09/16/2022 08:46:23	SCALE1	KKLOSTER		Tare	41520 lb
					Net	57440 lb
					Tons	28.72

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.72	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.72	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249332

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:28:14	SCALE1	KKLOSTER		Gross	86640 lb
Out	09/16/2022 09:28:14		KKLOSTER		Tare	34820 lb
					Net	51820 lb
					Tons	25.91

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.91	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.91	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249329

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:21:22	SCALE1	KKLOSTER		Gross	108040 lb
Out	09/16/2022 09:38:22	SCALE1	KKLOSTER		Tare	41940 lb
					Net	66100 lb
					Tons	33.05

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	33.05	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	33.05	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249334

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 09:41:18	SCALE1	KKLOSTER		Gross	108200 lb
Out	09/16/2022 09:41:18		KKLOSTER		Tare	41520 lb
					Net	66680 lb
					Tons	33.34

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	33.34	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	33.34	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249339

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 10:21:34	SCALE1	KKLOSTER		Gross	94500 lb
Out	09/16/2022 10:21:34		KKLOSTER		Tare	41940 lb
					Net	52560 lb
					Tons	26.28

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.28	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.28	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249341

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 10:34:58	SCALE1	KKLOSTER		Gross	85680 lb
Out	09/16/2022 10:34:58		KKLOSTER		Tare	34820 lb
					Net	50860 lb
					Tons	25.43

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.43	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	25.43	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249343

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 10:49:26	SCALE1	KKLOSTER		Gross	91320 lb
Out	09/16/2022 10:49:26		KKLOSTER		Tare	41520 lb
					Net	49800 lb
					Tons	24.90

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.90	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.90	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249350

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:18:26	SCALE1	KKLOSTER		Gross	93300 lb
Out	09/16/2022 11:18:26		KKLOSTER		Tare	41940 lb
					Net	51360 lb
					Tons	25.68

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.68	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.68	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249355

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:33:04	SCALE1	KKLOSTER		Gross	82740 lb
Out	09/16/2022 11:33:04		KKLOSTER		Tare	34820 lb
					Net	47920 lb
					Tons	23.96

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	23.96	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	23.96	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249359

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 11:47:42	SCALE1	KKLOSTER		Gross	104560 lb
Out	09/16/2022 11:47:42		KKLOSTER		Tare	41520 lb
					Net	63040 lb
					Tons	31.52

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	31.52	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	31.52	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249361

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:17:55	SCALE1	KKLOSTER		Gross	90780 lb
Out	09/16/2022 12:17:55		KKLOSTER		Tare	41940 lb
					Net	48840 lb
					Tons	24.42

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.42	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.42	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249363

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:33:49	SCALE1	KKLOSTER		Gross	77140 lb
Out	09/16/2022 12:33:49		KKLOSTER		Tare	34820 lb
					Net	42320 lb
					Tons	21.16

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	21.16	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	21.16	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249365

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 12:48:18	SCALE1	KKLOSTER		Gross	92220 lb
Out	09/16/2022 12:48:18		KKLOSTER		Tare	41520 lb
					Net	50700 lb
					Tons	25.35

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.35	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.35	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249368

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:09:35	SCALE1	KKLOSTER		Gross	90520 lb
Out	09/16/2022 13:09:35		KKLOSTER		Tare	41940 lb
					Net	48580 lb
					Tons	24.29

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.29	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	24.29	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249371

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:29:07	SCALE1	KKLOSTER		Gross	104840 lb
Out	09/16/2022 13:29:07		KKLOSTER		Tare	34820 lb
					Net	70020 lb
					Tons	35.01

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	35.01	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	35.01	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249373

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 13:42:32	SCALE1	KKLOSTER		Gross	97380 lb
Out	09/16/2022 13:42:32		KKLOSTER		Tare	41520 lb
					Net	55860 lb
					Tons	27.93

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.93	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.93	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249379

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 14:31:50	SCALE1	KKLOSTER		Gross	88220 lb
Out	09/16/2022 14:31:50		KKLOSTER		Tare	34820 lb
					Net	53400 lb
					Tons	26.70

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.70	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.70	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249378

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/16/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/16/2022 14:28:09	SCALE1	KKLOSTER		Gross	94580 lb
Out	09/16/2022 14:43:56	SCALE1	KKLOSTER		Tare	39760 lb
					Net	54820 lb
					Tons	27.41

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.41	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	27.41	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249386

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:17:51	SCALE1	KKLOSTER		Gross	95480 lb
Out	09/19/2022 08:17:51		KKLOSTER		Tare	41520 lb
					Net	53960 lb
					Tons	26.98

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.98	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.98	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249391

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:43:59	SCALE1	KKLOSTER		Gross	92020 lb
Out	09/19/2022 08:43:59		KKLOSTER		Tare	39760 lb
					Net	52260 lb
					Tons	26.13

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.13	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.13	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249389

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:34:03	SCALE1	KKLOSTER		Gross	94420 lb
Out	09/19/2022 08:53:34	SCALE1	KKLOSTER		Tare	43820 lb
					Net	50600 lb
					Tons	25.30

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.30	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.30	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249390

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 08:41:23	SCALE1	KKLOSTER		Gross	84900 lb
Out	09/19/2022 08:55:13	SCALE1	KKLOSTER		Tare	35900 lb
					Net	49000 lb
					Tons	24.50

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.50	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	24.50	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249396

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:14:31	SCALE1	KKLOSTER		Gross	89560 lb
Out	09/19/2022 09:14:31		KKLOSTER		Tare	41520 lb
					Net	48040 lb
					Tons	24.02

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.02	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.02	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249400

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:44:27	SCALE1	KKLOSTER		Gross	95040 lb
Out	09/19/2022 09:44:27		KKLOSTER		Tare	43820 lb
					Net	51220 lb
					Tons	25.61

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.61	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.61	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249401

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:47:51	SCALE1	KKLOSTER		Gross	81800 lb
Out	09/19/2022 09:47:51		KKLOSTER		Tare	35900 lb
					Net	45900 lb
					Tons	22.95

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	22.95	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	22.95	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249402

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:54:09	SCALE1	KKLOSTER		Gross	80240 lb
Out	09/19/2022 09:54:09		KKLOSTER		Tare	39760 lb
					Net	40480 lb
					Tons	20.24

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	20.24	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	20.24	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249403

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 09:55:42	SCALE1	KKLOSTER		Gross	92880 lb*
Out	09/19/2022 09:58:28	SCALE1	KKLOSTER		Tare	40780 lb
			* Manual Weight		Net	52100 lb
					Tons	26.05

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.05	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.05	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249404

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:00:02	SCALE1	KKLOSTER		Gross	101280 lb*
Out	09/19/2022 10:00:29	SCALE1	KKLOSTER		Tare	40820 lb*
			* Manual Weight		Net	60460 lb
					Tons	30.23

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.23	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	30.23	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249406

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:09:34	SCALE1	KKLOSTER		Gross	88420 lb
Out	09/19/2022 10:09:34		KKLOSTER		Tare	41520 lb
					Net	46900 lb
					Tons	23.45

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	23.45	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	23.45	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249411

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:45:29	SCALE1	KKLOSTER		Gross	102120 lb
Out	09/19/2022 10:45:29		KKLOSTER		Tare	40820 lb
					Net	61300 lb
					Tons	30.65

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.65	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	30.65	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249410

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 111 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:34:05	SCALE1	KKLOSTER		Gross	91920 lb
Out	09/19/2022 10:48:12	SCALE1	KKLOSTER		Tare	35560 lb
					Net	56360 lb
					Tons	28.18

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.18	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.18	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249414

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:53:42	SCALE1	KKLOSTER		Gross	95160 lb
Out	09/19/2022 10:53:42		KKLOSTER		Tare	43820 lb
					Net	51340 lb
					Tons	25.67

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.67	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.67	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249415

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 10:56:42	SCALE1	KKLOSTER		Gross	83660 lb
Out	09/19/2022 10:56:42		KKLOSTER		Tare	35900 lb
					Net	47760 lb
					Tons	23.88

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	23.88	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	23.88	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249416

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:05:03	SCALE1	KKLOSTER		Gross	87040 lb
Out	09/19/2022 11:05:03		KKLOSTER		Tare	39760 lb
					Net	47280 lb
					Tons	23.64

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	23.64	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	23.64	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249417

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:09:19	SCALE1	KKLOSTER		Gross	93800 lb
Out	09/19/2022 11:09:19		KKLOSTER		Tare	41520 lb
					Net	52280 lb
					Tons	26.14

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.14	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.14	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249420

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 111 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:32:07	SCALE1	KKLOSTER		Gross	97680 lb
Out	09/19/2022 11:32:07		KKLOSTER		Tare	35560 lb
					Net	62120 lb
					Tons	31.06

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	31.06	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	31.06	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249423

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:47:45	SCALE1	KKLOSTER		Gross	98380 lb
Out	09/19/2022 11:47:45		KKLOSTER		Tare	40820 lb
					Net	57560 lb
					Tons	28.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.78	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.78	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249424

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:56:18	SCALE1	KKLOSTER		Gross	96600 lb
Out	09/19/2022 11:56:18		KKLOSTER		Tare	43820 lb
					Net	52780 lb
					Tons	26.39

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.39	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.39	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249425

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 11:59:42	SCALE1	KKLOSTER		Gross	80480 lb
Out	09/19/2022 11:59:42		KKLOSTER		Tare	35900 lb
					Net	44580 lb
					Tons	22.29

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	22.29	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	22.29	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249426

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:06:02	SCALE1	KKLOSTER		Gross	87440 lb
Out	09/19/2022 12:06:02		KKLOSTER		Tare	41940 lb
					Net	45500 lb
					Tons	22.75

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	22.75	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	22.75	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249430

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:14:18	SCALE1	KKLOSTER		Gross	86240 lb
Out	09/19/2022 12:14:18		KKLOSTER		Tare	39760 lb
					Net	46480 lb
					Tons	23.24

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	23.24	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	23.24	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249432

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:19:17	SCALE1	KKLOSTER		Gross	95020 lb
Out	09/19/2022 12:19:17		KKLOSTER		Tare	41520 lb
					Net	53500 lb
					Tons	26.75

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.75	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.75	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249434

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 111 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:30:09	SCALE1	KKLOSTER		Gross	112240 lb
Out	09/19/2022 12:30:09		KKLOSTER		Tare	35560 lb
					Net	76680 lb
					Tons	38.34

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	38.34	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	38.34	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249436

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:45:44	SCALE1	KKLOSTER		Gross	96520 lb
Out	09/19/2022 12:45:44		KKLOSTER		Tare	40820 lb
					Net	55700 lb
					Tons	27.85

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.85	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.85	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249438

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 12:58:55	SCALE1	KKLOSTER		Gross	94680 lb
Out	09/19/2022 12:58:55		KKLOSTER		Tare	41940 lb
					Net	52740 lb
					Tons	26.37

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.37	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.37	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249439

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:04:44	SCALE1	KKLOSTER		Gross	84860 lb
Out	09/19/2022 13:04:44		KKLOSTER		Tare	35900 lb
					Net	48960 lb
					Tons	24.48

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.48	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.48	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249440

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:21:49	SCALE1	KKLOSTER		Gross	114600 lb
Out	09/19/2022 13:21:49		KKLOSTER		Tare	43820 lb
					Net	70780 lb
					Tons	35.39

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	35.39	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	35.39	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249442

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 108238
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:30:28	SCALE1	KKLOSTER		Gross	89460 lb
Out	09/19/2022 13:30:28		KKLOSTER		Tare	39760 lb
					Net	49700 lb
					Tons	24.85

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.85	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.85	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249444

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:35:07	SCALE1	KKLOSTER		Gross	96700 lb
Out	09/19/2022 13:35:07		KKLOSTER		Tare	41520 lb
					Net	55180 lb
					Tons	27.59

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.59	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.59	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249445

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 111 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:42:16	SCALE1	KKLOSTER		Gross	89800 lb
Out	09/19/2022 13:42:16		KKLOSTER		Tare	35560 lb
					Net	54240 lb
					Tons	27.12

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.12	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.12	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249447

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 015 LEAD
Volume 35.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:52:46	SCALE1	KKLOSTER		Gross	100000 lb
Out	09/19/2022 13:52:46		KKLOSTER		Tare	40820 lb
					Net	59180 lb
					Tons	29.59

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.59	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.59	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249448

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 13:54:34	SCALE1	KKLOSTER		Gross	96080 lb
Out	09/19/2022 13:54:34		KKLOSTER		Tare	41940 lb
					Net	54140 lb
					Tons	27.07

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.07	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.07	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249449

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 14:00:17	SCALE1	KKLOSTER		Gross	87520 lb
Out	09/19/2022 14:00:17		KKLOSTER		Tare	35900 lb
					Net	51620 lb
					Tons	25.81

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.81	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.81	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249453

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 322 323
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 14:24:44	SCALE1	KKLOSTER		Gross	112040 lb
Out	09/19/2022 14:24:44		KKLOSTER		Tare	43820 lb
					Net	68220 lb
					Tons	34.11

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	34.11	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	34.11	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249456

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 14:34:50	SCALE1	KKLOSTER		Gross	109840 lb
Out	09/19/2022 14:34:50		KKLOSTER		Tare	41520 lb
					Net	68320 lb
					Tons	34.16

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	34.16	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	34.16	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249459

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/19/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 111 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/19/2022 14:43:35	SCALE1	KKLOSTER		Gross	108560 lb
Out	09/19/2022 14:43:35		KKLOSTER		Tare	35560 lb
					Net	73000 lb
					Tons	36.50

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	36.50	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	36.50	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249467

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 08:26:13	SCALE1	KKLOSTER		Gross	100240 lb
Out	09/20/2022 08:26:13		KKLOSTER		Tare	41940 lb
					Net	58300 lb
					Tons	29.15

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.15	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.15	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249468

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 08:34:20	SCALE1	KKLOSTER		Gross	111660 lb
Out	09/20/2022 08:34:20		KKLOSTER		Tare	34820 lb
					Net	76840 lb
					Tons	38.42

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	38.42	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	38.42	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249469

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 235 237
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 08:43:06	SCALE1	KKLOSTER		Gross	91180 lb
Out	09/20/2022 08:43:06		KKLOSTER		Tare	40140 lb
					Net	51040 lb
					Tons	25.52

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.52	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.52	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249471

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 08:52:17	SCALE1	KKLOSTER		Gross	101600 lb
Out	09/20/2022 08:52:17		KKLOSTER		Tare	41520 lb
					Net	60080 lb
					Tons	30.04

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.04	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	30.04	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249473

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 09:05:27	SCALE1	KKLOSTER		Gross	88460 lb
Out	09/20/2022 09:05:27		KKLOSTER		Tare	35900 lb
					Net	52560 lb
					Tons	26.28

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.28	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.28	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249475

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 09:18:48	SCALE1	KKLOSTER		Gross	99220 lb
Out	09/20/2022 09:18:48		KKLOSTER		Tare	41940 lb
					Net	57280 lb
					Tons	28.64

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.64	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.64	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249476

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 09:36:34	SCALE1	KKLOSTER		Gross	108060 lb
Out	09/20/2022 09:36:34		KKLOSTER		Tare	34820 lb
					Net	73240 lb
					Tons	36.62

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	36.62	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	36.62	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249479

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 235 237
Container
Driver
Check#
Billing # 0001513
Gen EPA ID

Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 09:44:03	SCALE1	KKLOSTER		Gross	92300 lb
Out	09/20/2022 09:44:03		KKLOSTER		Tare	40140 lb
					Net	52160 lb
					Tons	26.08

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.08	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.08	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249480

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 09:48:35	SCALE1	KKLOSTER		Gross	93780 lb
Out	09/20/2022 09:48:35		KKLOSTER		Tare	41520 lb
					Net	52260 lb
					Tons	26.13

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.13	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.13	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249482

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:01:55	SCALE1	KKLOSTER		Gross	87800 lb
Out	09/20/2022 10:01:55		KKLOSTER		Tare	35900 lb
					Net	51900 lb
					Tons	25.95

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.95	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	25.95	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249484

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:16:31	SCALE1	KKLOSTER		Gross	100700 lb
Out	09/20/2022 10:16:31		KKLOSTER		Tare	41940 lb
					Net	58760 lb
					Tons	29.38

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.38	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.38	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249485

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:34:32	SCALE1	KKLOSTER		Gross	103500 lb
Out	09/20/2022 10:34:32		KKLOSTER		Tare	34820 lb
					Net	68680 lb
					Tons	34.34

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	34.34	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	34.34	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249488

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 235 237
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:47:20	SCALE1	KKLOSTER		Gross	94940 lb
Out	09/20/2022 10:47:20		KKLOSTER		Tare	40140 lb
					Net	54800 lb
					Tons	27.40

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.40	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.40	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249491

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:55:21	SCALE1	KKLOSTER		Gross	101460 lb
Out	09/20/2022 10:55:21		KKLOSTER		Tare	41520 lb
					Net	59940 lb
					Tons	29.97

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.97	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.97	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249493

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 336
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 10:59:49	SCALE1	KKLOSTER		Gross	87260 lb
Out	09/20/2022 10:59:49		KKLOSTER		Tare	35900 lb
					Net	51360 lb
					Tons	25.68

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.68	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.68	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249495

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 400-128
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 25.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 11:13:21	SCALE1	KKLOSTER		Gross	98340 lb
Out	09/20/2022 11:13:21		KKLOSTER		Tare	41940 lb
					Net	56400 lb
					Tons	28.20

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.20	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.20	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249498

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 11:35:46	SCALE1	KKLOSTER		Gross	100700 lb
Out	09/20/2022 11:35:46		KKLOSTER		Tare	34820 lb
					Net	65880 lb
					Tons	32.94

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.94	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	32.94	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249501

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 235 237
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 11:52:07	SCALE1	KKLOSTER		Gross	86000 lb
Out	09/20/2022 11:52:07		KKLOSTER		Tare	40140 lb
					Net	45860 lb
					Tons	22.93

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	22.93	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	22.93	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249502

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/20/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/20/2022 11:57:28	SCALE1	KKLOSTER		Gross	90600 lb
Out	09/20/2022 11:57:28		KKLOSTER		Tare	41520 lb
					Net	49080 lb
					Tons	24.54

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.54	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.54	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249569

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 022 LEAD
Volume 20.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/22/2022 08:46:08	SCALE1	KKLOSTER		Gross	107560 lb*
Out	09/22/2022 08:49:48	SCALE1	KKLOSTER		Tare	41860 lb
			* Manual Weight		Net	65700 lb
					Tons	32.85

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.85	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	32.85	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249570

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 661 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 08:48:15	SCALE1	KKLOSTER		Gross	99920 lb*
Out	09/22/2022 08:53:32	SCALE1	KKLOSTER		Tare	35700 lb
			* Manual Weight		Net	64220 lb
					Tons	32.11

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.11	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	32.11	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249567

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 663 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID

Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 08:41:12	SCALE1	KKLOSTER		Gross	99520 lb
Out	09/22/2022 08:57:44	SCALE1	KKLOSTER		Tare	33800 lb
					Net	65720 lb
					Tons	32.86

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.86	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	32.86	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249580

Customer Name	JSTRAVERSECITYLLC JS TRAVERSE	Carrier	GAS GOLBAL ASPHALT SOLUTIONS		
Ticket Date	09/22/2022	Vehicle#	022 LEAD	Volume	20.0
Payment Type	Credit Account	Container			
Manual Ticket#		Driver			
Hauling Ticket#		Check#			
Route		Billing #	0001513		
State Waste Code		Gen EPA ID			
Manifest	131053MI				
Destination		Grid			
PO					
Profile	131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)				
Generator	129-JSTRAVERSE211 JS TRAVERSE CITY LLC				

	Time	Scale	Operator	Inbound		
In	09/22/2022 09:41:02	SCALE1	KKLOSTER		Gross	114580 lb
Out	09/22/2022 09:41:02		KKLOSTER		Tare	41860 lb
					Net	72720 lb
					Tons	36.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	36.36	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	36.36	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249581

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 661 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 09:57:03	SCALE1	KKLOSTER		Gross	100700 lb
Out	09/22/2022 09:57:03		KKLOSTER		Tare	35700 lb
					Net	65000 lb
					Tons	32.50

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.50	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	32.50	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249583

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 663 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 10:03:03	SCALE1	KKLOSTER		Gross	66900 lb
Out	09/22/2022 10:03:03		KKLOSTER		Tare	33800 lb
					Net	33100 lb
					Tons	16.55

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	16.55	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	16.55	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249591

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 661 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 11:36:26	SCALE1	KKLOSTER		Gross	87260 lb
Out	09/22/2022 11:36:26		KKLOSTER		Tare	35700 lb
					Net	51560 lb
					Tons	25.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	25.78	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	25.78	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249594

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 663 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 11:46:01	SCALE1	KKLOSTER		Gross	97420 lb
Out	09/22/2022 11:46:01		KKLOSTER		Tare	33800 lb
					Net	63620 lb
					Tons	31.81

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	31.81	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	31.81	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249578

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier GAS GOLBAL ASPHALT SOLUTIONS
Vehicle# 031 LEAD
Volume 20.0
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

	Time	Scale	Operator	Inbound		
In	09/22/2022 09:27:47	SCALE1	KKLOSTER		Gross	113860 lb
Out	09/22/2022 12:18:17	SCALE1	KKLOSTER		Tare	42560 lb
					Net	71300 lb
					Tons	35.65

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	35.65	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	35.65	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249598

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 661 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 12:50:51	SCALE1	KKLOSTER		Gross	95400 lb
Out	09/22/2022 12:50:51		KKLOSTER		Tare	35700 lb
					Net	59700 lb
					Tons	29.85

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.85	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.85	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249601

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 663 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 13:01:14	SCALE1	KKLOSTER		Gross	82520 lb
Out	09/22/2022 13:01:14		KKLOSTER		Tare	33800 lb
					Net	48720 lb
					Tons	24.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	24.36	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	24.36	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249604

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 661 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 13:58:12	SCALE1	KKLOSTER		Gross	91180 lb
Out	09/22/2022 13:58:12		KKLOSTER		Tare	35700 lb
					Net	55480 lb
					Tons	27.74

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.74	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.74	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249605

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/22/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier TWS LEAD
Vehicle# 663 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/22/2022 14:08:22	SCALE1	KKLOSTER		Gross	87360 lb
Out	09/22/2022 14:08:22		KKLOSTER		Tare	33800 lb
					Net	53560 lb
					Tons	26.78

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.78	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.78	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249613

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 08:16:33	SCALE1	KKLOSTER		Gross	99480 lb
Out	09/23/2022 08:16:33		KKLOSTER		Tare	34820 lb
					Net	64660 lb
					Tons	32.33

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	32.33	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	32.33	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249615

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131035MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 30.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 08:25:59	SCALE1	KKLOSTER		Gross	107540 lb
Out	09/23/2022 08:40:44	SCALE1	KKLOSTER		Tare	46820 lb
					Net	60720 lb
					Tons	30.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.36	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	30.36	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249625

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 09:23:07	SCALE1	KKLOSTER		Gross	108140 lb
Out	09/23/2022 09:23:07		KKLOSTER		Tare	34820 lb
					Net	73320 lb
					Tons	36.66

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	36.66	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	36.66	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249626

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 09:33:15	SCALE1	KKLOSTER		Gross	105980 lb
Out	09/23/2022 09:45:37	SCALE1	KKLOSTER		Tare	46920 lb
					Net	59060 lb
					Tons	29.53

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	29.53	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	29.53	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249633

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 10:22:54	SCALE1	KKLOSTER		Gross	115540 lb
Out	09/23/2022 10:22:54		KKLOSTER		Tare	34820 lb
					Net	80720 lb
					Tons	40.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	40.36	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	40.36	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249636

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 10:33:51	SCALE1	KKLOSTER		Gross	116460 lb
Out	09/23/2022 10:33:51		KKLOSTER		Tare	46920 lb
					Net	69540 lb
					Tons	34.77

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	34.77	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	34.77	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249638

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 10:47:50	SCALE1	KKLOSTER		Gross	102680 lb
Out	09/23/2022 10:47:50		KKLOSTER		Tare	41520 lb
					Net	61160 lb
					Tons	30.58

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.58	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	30.58	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249643

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 11:24:18	SCALE1	KKLOSTER		Gross	106180 lb
Out	09/23/2022 11:24:18		KKLOSTER		Tare	34820 lb
					Net	71360 lb
					Tons	35.68

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	35.68	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	35.68	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249645

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 11:31:54	SCALE1	KKLOSTER		Gross	102980 lb
Out	09/23/2022 11:31:54		KKLOSTER		Tare	46920 lb
					Net	56060 lb
					Tons	28.03

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.03	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.03	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249647

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 11:42:49	SCALE1	KKLOSTER		Gross	96240 lb
Out	09/23/2022 11:42:49		KKLOSTER		Tare	41520 lb
					Net	54720 lb
					Tons	27.36

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.36	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.36	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249651

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 12:31:04	SCALE1	KKLOSTER		Gross	103240 lb
Out	09/23/2022 12:31:04		KKLOSTER		Tare	46920 lb
					Net	56320 lb
					Tons	28.16

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.16	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.16	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249652

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 12:39:41	SCALE1	KKLOSTER		Gross	96120 lb
Out	09/23/2022 12:39:41		KKLOSTER		Tare	41520 lb
					Net	54600 lb
					Tons	27.30

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	27.30	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	27.30	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249654

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 12:46:02	SCALE1	KKLOSTER		Gross	96620 lb
Out	09/23/2022 12:46:02		KKLOSTER		Tare	34820 lb
					Net	61800 lb
					Tons	30.90

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	30.90	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	30.90	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249661

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 13:32:01	SCALE1	KKLOSTER		Gross	104500 lb
Out	09/23/2022 13:32:01		KKLOSTER		Tare	46920 lb
					Net	57580 lb
					Tons	28.79

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	28.79	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	28.79	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249662

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 401-163
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 13:38:23	SCALE1	KKLOSTER		Gross	95300 lb
Out	09/23/2022 13:38:23		KKLOSTER		Tare	41520 lb
					Net	53780 lb
					Tons	26.89

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.89	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	26.89	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249665

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 127 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 18.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 13:48:25	SCALE1	KKLOSTER		Gross	103760 lb
Out	09/23/2022 13:48:25		KKLOSTER		Tare	34820 lb
					Net	68940 lb
					Tons	34.47

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	34.47	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				
3	EVF-L-Standard Env	100	1	Load				
4	GTF-GRAND TRAVERSE	100	34.47	Tons				

Total Tax
Total Ticket

Driver`s Signature

Glen's Sanitary Landfill
518 E. Traverse Hwy.
Maple City, MI, 49664
Ph: 231-228-5196

Reprint
Ticket# 249669

Customer Name JSTRAVERSECITYLLC JS TRAVERSE
Ticket Date 09/23/2022
Payment Type Credit Account
Manual Ticket#
Hauling Ticket#
Route
State Waste Code
Manifest 131053MI
Destination
PO
Profile 131053MI (SOLVENT AND PETROLEUM IMPACTED SOIL)
Generator 129-JSTRAVERSE211 JS TRAVERSE CITY LLC

Carrier MOLON
Vehicle# 414 LEAD
Container
Driver
Check#
Billing # 0001513
Gen EPA ID
Grid

Volume 20.0

	Time	Scale	Operator	Inbound		
In	09/23/2022 14:31:03	SCALE1	KKLOSTER		Gross	99420 lb
Out	09/23/2022 14:31:03		KKLOSTER		Tare	46920 lb
					Net	52500 lb
					Tons	26.25

Comments

	Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Sp. W.-T	100	26.25	Tons				MI-GRANDTR
2	FUEL-Fuel Surcharg	100		%				MI-GRANDTR
3	EVF-L-Standard Env	100	1	Load				MI-GRANDTR
4	GTF-GRAND TRAVERSE	100	26.25	Tons				MI-GRANDTR

Total Tax
Total Ticket

Driver`s Signature

ATTACHMENT 5: Soil Management Plan

SOIL MANAGEMENT PLAN

Marriot Tribute Hotel
211 & 221 W. Grandview Parkway, Traverse City, Grand Traverse County, MI 49684
Parcel ID: 28-51-658-036-01.

Previously identified impacted soils have been excavated from the site and disposed of at a Type II landfill. Verification sampling has confirmed that no residual contamination was detected above the EGLE Part 201 GRCC/Part 213 RBSLs. This Soil Management Plan was prepared in the event that other areas of impacted soil not previously identified are discovered during site construction activities.

The purpose of the Soil Management Plan (SMP) is to have a means of compliance with Section 324.20120c of Part 201 of the Natural Resources and Environmental Protection Act (NREPA), Michigan PA 451 of 1994, as amended, regarding the relocation of contaminated soil. The SMP discusses site redevelopment activity that may be performed at the property and how exacerbation of contamination will be managed, and establishes proper handling and disposal of soils excavated/trenched or otherwise brought to the surface. At the end of this document is Section 324.20120c, which addresses the relocation of contaminated soil.

Excavation/Trenching of New Site Utilities or Repair/Maintenance of Existing Utilities

Soils excavated/trenched or otherwise brought to the surface during repair/maintenance of existing utilities, or the installation of new site utilities, require handling in a manner that protects human health and does not spread contamination to uncontaminated areas. All soils excavated/trenched or otherwise brought to the surface during the installation, repair or maintenance of site utilities are required to be either:

1. Characterized to determine whether the soil is contaminated. If the soil is absent contamination it can be used at the owner's discretion. Any laboratory analytical data used for characterization should be retained as due care documentation;
2. Stored in a roll-off box for subsequent disposal at a licensed landfill, or prior to being returned to their place of origin; or
3. Temporarily stored at the surface on 6 mil plastic sheeting for subsequent disposal, or prior to being returned to their place of origin. If soils are to remain at the surface overnight, they will be covered and secured with 6 mil plastic sheeting to prevent dermal contact, rain water leaching and/or run-off; or
4. Loaded directly into trucks for immediate disposal at a licensed landfill. If this option is used, dust suppression, such as a water sprayer, will need to be on-site at all times to prevent contaminated surface soils from becoming airborne particulate and subsequently inhaled or ingested.

All soils excavated/trenched for the installation, repair or maintenance of site utilities are required to be characterized (hazardous or nonhazardous), prior to disposal at a licensed landfill.

Building Construction/Site Development Activities

Soils excavated or otherwise brought to the surface as part of construction activities involved with future development or improvements require handling in a manner that protects human health and does not spread contamination to uncontaminated areas. When subsurface soils are removed from the ground the following procedures are to be followed:

1. Characterized to determine whether the soil is contaminated. If the soil is absent contamination it can be used at the owner's discretion. Any laboratory analytical data used for characterization should be retained as due care documentation;
2. Soils will be stored in a roll-off box for subsequent disposal at a licensed landfill, or prior to being returned to their place of origin; or
3. Temporarily stored at the surface on 6 mil plastic sheeting for subsequent disposal, or prior to being returned to their place of origin. If soils are to remain at the surface overnight, they will be covered and secured with 6 mil plastic sheeting to prevent dermal contact, rain water leaching and/or run-off; or
4. Loaded directly into trucks for immediate disposal at a licensed landfill. If this option is used, dust suppression, such as a water sprayer, will need to be on-site at all times to prevent contaminated surface soils from become airborne and subsequently inhaled or ingested.

All subsurface soils exposed or removed, at any time, from the subject property are subject to this SMP in order to prevent exacerbation and unacceptable human and environment exposure to contaminated soils.

You should assume that any groundwater encountered during site construction activities at the site is contaminated. Therefore, groundwater may only be left in place, or, if dewatering is necessary, containerized for disposal at a licensed facility or discharged to a sewer with proper characterization documentation and an appropriate permit(s).

If soils are characterized and lab results indicate no impact to soils, they can be used anywhere onsite at the owner's discretion.

SECTION 20120c – RELOCATION OF SOIL
of Part 201 of P.A. 451 of 1994

Sec. 20120c. (1) An owner or operator may relocate contaminated soil off-site or allow contaminated soil to be relocated off-site if all of the following requirements are met:

(a) The person determines that the soil can be lawfully relocated without posing a threat to the public health, safety, or welfare or the environment. In making the determination, the owner or operator shall consider whether the soil is subject to regulation under part 111. For the purposes of this subdivision, soil poses a threat to the public health, safety, or welfare or the environment if concentrations of hazardous substances in the soil exceed the cleanup criterion determined pursuant to section 20120a(1) or (2) that apply to the facility to which the soil will be relocated. Any land use or resource use restrictions that would be required for the application of a criterion pursuant to section 20120a(1) or (2) shall be in place at the facility before the soil is relocated. Contaminated soil shall not be relocated to a location that is not a facility.

(b) Prior department approval is obtained if the contaminated soil is being relocated off-site from or to either of the following:

(i) A facility where a remedial action plan that includes soil as an affected media has been approved by the department based on a categorical cleanup criterion in section 20120a(1)(b), (c), or (d) or site-specific criteria under section 20120a(2).

(ii) A facility where a no further action report that includes soil as an affected medium has been approved by the department.

(c) If contaminated soil is being relocated off-site in a manner not addressed by subdivision (b), the owner or operator of the facility from which soil is being relocated provides notice to the department within 14 days after the soil is relocated. The notice shall include all of the following:

(i) The facility from which soil was relocated.

(ii) The facility to which the soil was relocated.

(iii) The volume of soil relocated.

(iv) A summary of information or data on which the owner or operator based the determination required in subdivision (a) that the soil did not present a threat to the public health, safety, or welfare or the environment.

(v) If land use or resource use restrictions in a postclosure plan or a postclosure agreement would apply to the soil when it is relocated, documentation that those restrictions are in place.

(2) An owner or operator may relocate contaminated soil, or allow contaminated soil to be relocated, on-site if all of the following requirements are met:

(a) If either a remedial action plan that includes soil as an affected medium or a no further action report that includes soil as an affected medium has been approved for a facility, the person assures that the same degree of control required for application of the criteria of section 20120a(1) or (2) under the remedial action plan or no further action report is provided for the contaminated soil. This subdivision does not apply to soils that are temporarily relocated for the purpose of implementing response activity or utility construction if the response activity or utility construction is completed in a timely fashion and the short-term hazards are appropriately controlled.

(b) If 500 cubic yards or more of contaminated soil are being relocated on-site at a facility where either a remedial action plan that includes soil as an affected medium or a no further action report that includes soil as an affected medium has been approved by the department, the owner or operator of the facility at which soil is being relocated provides notice to the department within 14 days after the soil is relocated. The notice shall include all of the following:

(i) The facility from which soil was relocated.

(ii) The facility to which the soil was taken.

(iii) The volume of soil relocated.

(iv) A summary of information or data assuring that the same degree of control required for application of the criteria of section 20120a(1) or (2) is provided for the contaminated soil under subdivision (a).

(v) If land use or resource use restrictions in a postclosure plan or a postclosure agreement would apply to the soil when it is relocated, documentation that those restrictions are in place.

(c) If subdivision (b) does not apply and an owner or operator relocates contaminated soil on-site without department approval or notice to the department, the owner of the facility within which contaminated soil is relocated includes the following information regarding the relocation as part of disclosing the general nature and extent of the release under section 20116 to a purchaser or other person to which the facility is transferred:

(i) The facility from which soil was relocated.18

(ii) The facility to which the soil was taken.

(iii) The volume of soil relocated.

(iv) A summary of the basis for the owner's or operator's determination that the relocation did not cause any exacerbation under section 20107a(1).

(d) Section 20107a(1) and (3) applies to the relocation of soil under this subsection even if an owner or operator is not otherwise subject to section 20107a.

(3) The determination required by subsections (1)(a) and (2)(a) shall be based on knowledge of the person undertaking or approving of the removal or relocation of soil, or on characterization of the soil for the purpose of compliance with this section.

(4) This section does not apply to the following:

(a) Soil that is designated as an inert material pursuant to section 11507(3).

(b) Uncontaminated soil that is mixed with a beneficial use by-product under part 115.

(c) Soil that is relocated for treatment or disposal in conformance with applicable laws and regulations.

(d) The relocation of uncontaminated soil.

(5) As used in this section:

(a) "Contaminated soil" means soil that meets all of the following criteria:

(i) The soil is contaminated with 1 or more hazardous substances at levels that exceed the background concentration for that hazardous substance or those hazardous substances.

(ii) The soil is contaminated with 1 or more hazardous substances at levels that exceed any applicable cleanup criteria under section 20120a(1) or any applicable site-specific criteria under section 20120b.

(b) "Off-site" means property that is not on-site.

(c) "On-site" means within any contiguous or adjacent parcels owned by or under the control of an owner or operator.

(d) "Uncontaminated soil" means soil that is either of the following:

(i) Not contaminated with any hazardous substances due to human activity.

(ii) Contaminated with 1 or more hazardous substances as a result of human activity but the levels of those hazardous substances at the facility do not exceed any categorical cleanup criteria under section 20120a(1) or site-specific criteria under section 20120b.

ATTACHMENT 6: Notice to Construction and Utility Workers

Construction & Utility Worker Environmental Information Sheet

211 & 221 W. Grandview Parkway
Traverse City, Michigan 49684
Parcel ID: 28-51-658-036-01

BEFORE DIGGING ON THIS PROPERTY, YOU MUST CONTACT:
JS Traverse City, LLC - Mr. Jeff Schmitz at (248) 909-7697

The subject property is located at 211 & 221 W. Grandview Parkway in Traverse City, Grand Traverse County, Michigan.

Response activities conducted at the property have effectively removed previously documented soil and groundwater contamination. However, during site redevelopment, there is a possibility of encountering subsurface contamination in areas of the site not investigated. This document should be used in the event that evidence of subsurface contamination is encountered during the site redevelopment activities. Future use and operation of the property is classified as residential use.

If evidence of subsurface contamination is encountered during site redevelopment activities, the following measures allows for a means to comply with third party due care obligations.

Special measures to protect construction workers and the public are necessary when subsurface work is conducted onsite.

The practices outlined below, if properly followed when subsurface soil and/or groundwater is exposed, should reduce the amount of skin contact with contaminated soil and/or groundwater; thereby, mitigating potential risk to construction workers from the contaminants:

- When workers might contact subsurface soil, they should:
  - Wear appropriate protective equipment, sufficient to prevent the contact of contaminated soils and groundwater with skin and clothing.
  - Wash their hands after working, and before eating and drinking, smoking or leaving the site.
  - Remove soil from their boots and clothes before leaving the site, and remove dirty clothes before entering their homes (Disposable boots and coveralls will be used).
  - Eating, drinking or smoking when subsurface soil and/or groundwater are exposed is prohibited.

Please be advised, there may be other safety measures required by law, and contractors will need to prepare a Site-Specific Health and Safety Plan for their employees, as required by MIOSHA.

In addition to health and safety measures, contaminated material must be handled and disposed of properly. The practices outlined below, if properly followed when subsurface soil is exposed and not returned to its original location, should protect the public and maintain control of the contaminated materials (See Soil Management Plan):

- Site security must be maintained to keep site occupants and members of the public away from areas where subsurface soil is exposed.
- Subsurface soil must not be tracked offsite; this includes on the boots or clothing of workers, the tires or undercarriage of trucks and on tracked equipment.
- Subsurface soil must not be stockpiled onsite for any reason (see Soil Management Plan for exceptions) and is not to be relocated to any on or offsite location.
- Dust and erosion control measures shall be employed as necessary.
- All subsurface soil should be considered contaminated and must be returned to its original location or disposed of in a landfill, unless proven otherwise.
- If groundwater is encountered at the site it is presumed to be contaminated. Therefore, groundwater may only be left in place or disposed at a licensed facility. Dewatering may occur and approval from the City is required prior to any discharge to the City municipal system.
- Copies of all disposal documentation must be provided to JS Traverse City, LLC for their records.

Before conducting work on this property, you must contact JS Traverse City, LLC - Mr. Jeff Schmitz at (248) 909-7697 for authorization. Also, you also contact Mr. Michael Gatien of Applied Environmental at (734)-975-1970 to review the previous environmental reports or if you have any questions.

Acknowledgement of Receipt:

Name & Company	Date
Name & Company	Date
Name & Company	Date