Technical Memorandum

EnviroTrac Engineering PE, PC
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Prepared for: ZWorldwide Enterprises LLC

Project Title: Former Baron Blakeslee Property Site Number C152204

Project No.: 01.991448.00

Technical Memorandum

Subject: 2025 Annual Periodic Review Report and Certification
Sub-Slab Depressurization System Date: July 2024 – July 2025

To: Jared Donaldson; New York State Department of Environmental Conservation

From: Dale Konas, PE; EnviroTrac Engineering PE, PC

Copy to: Mr. Peter Zimiles, ZWorldwide Enterprises, LLC

Prepared by: _____
Dale Konas, PE, License No. 081035, Expiration Date: 08/31/2026

July 10, 2025

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C152204

Site Name Former Baron Blakeslee Site

Site Address: 86 Cleveland Avenue Zip Code: 11706
City/Town: Bay Shore
County: Suffolk
Site Acreage: 1.810

Reporting Period: July 20, 2024 to July 20, 2025

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Restricted-Residential, Commercial, and Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	X

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

	YES	NO
9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	X	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C152204 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
198-4-4.001	ZWorldwide Enterprises LLC.	Soil Management Plan Monitoring Plan O&M Plan Site Management Plan IC/EC Plan Landuse Restriction

-Environmental easement restricting use of the site to restricted residential, commercial, or industrial purposes
-Site management plan detailing institutional and engineering controls placed on the site

Box 4

Description of Engineering Controls

Parcel	Engineering Control
198-4-4.001	Cover System Vapor Mitigation Air Sparging/Soil Vapor Extraction

Soil vapor extraction (SVE) system to remediate sub-slab soil contamination. If necessary, a sub-slab depressurization system (SSDS), or similar engineered system, will be installed in addition to the SVE system to prevent the migration of vapor into the building from contaminated soil. Site cover will be maintained... more below.

The Department approved shut-down of the SVE via letter on 10/17/17 after soil sample results documented that restricted-residential use soil cleanup objectives have been achieved. The SSDS is continuously operating to mitigate potential vapor intrusion from remaining soil contamination.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C152204

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Tracy Garthwaite (print name) at EnviroTrac, LLC (print business address),

am certifying as Representative for ZWorldwide Enterprises, LLC (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Tracy Garthwaite _____ 7/10/25

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification — Date

EC CERTIFICATIONS

Box 7

Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Dale Konas, P.E. at EnviroTrac Engineering PE PC,
print name print business address

am certifying as a for the Representative for ZWorldwide Enterprises, LLC
(Owner or Remedial Party)

STATE OF NEW YORK
DALE C. KONAS
No. 081035
LICENSED PROFESSIONAL ENGINEER

Signature of , for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | July 10, 2025 Date

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Section 1: Background

EnviroTrac Engineering, PE, PC (EnviroTrac) is submitting this 2025 Periodic Review Report (PRR) and Certification for the Former Baron Blakeslee Property, Site Number C152204, located at 86 Cleveland Avenue in Bay Shore, Suffolk County, New York 11706 (hereinafter referred to as the "Site").

The Site location is shown in Figure 1-1. The Site is an approximately 1.84-acre area bounded by South 3rd Street to the north, a sand and gravel facility to the south, Cleveland Avenue to the east, and a construction materials recycling facility to the west (Figure 1-2). The property includes an approximately 47,000-square foot structure, comprising three interconnected buildings constructed of concrete block and corrugated steel on concrete slabs. At the time of the remedy implementation, the southern building was used by General Electric (GE) as an air conditioning appliance repair shop; the rest of the structure was vacant. The grounds consist of asphalt-paved parking and driveway areas with landscaped and limited vegetated areas occurring along the northern, eastern, and southern property boundaries. A chain link fence separates the abutting commercial and industrial properties to the west and south from the property.

The current owner of the Site is ZWorldwide Enterprises, LLC, which acquired the property from GE in March 2017. The new owner's tenant is Long Island Tent and Party Rental, Inc. The Site investigation and remedy implementation were conducted by GE. Brown and Caldwell (BC), on behalf GE, implemented the remedy and provided operation and maintenance services. The Site remedy, described in the NYSDEC-approved Site Management Plan (SMP) dated February 2016, includes the soil cover, the soil vapor extraction (SVE) system, the sub-slab depressurization system (SSDS), as well as institutional controls (ICs). The soil cover, the SSDS and the ICs are intended to limit the exposure to the contamination remaining at the Site. The SVE system has since been removed from the Site, but was operated until VOC concentrations in the shallow, unsaturated soil under the buildings were reduced to levels that meet the 6 NYCRR Part 375-6 SCOs for Protection of Public Health - Restricted Residential use. The NYSDEC approved the shutdown of the SVE system on October 17, 2017. Soil sampling data collected from beneath the slab in the southern warehouse in September 2016 showed that the SVE system was effective in decreasing levels of tetrachloroethylene (PCE). The SVE trailer was removed from the property and the SVE wells were abandoned according to NYSDEC protocols by BC. The SMP requires the documentation of the annual certification of the SSDS and site cover.

This report covers the reporting and certification of the following elements and time periods of the remedy:

- The SSDS – from July 20, 2024–through July 20, 2025
- Site Cover – July 20, 2024–through July 20, 2025

  BC operated the SSDS on behalf of GE until March of 2017. Following that, the operation of the SSDS was transferred to ZWorldwide Enterprises, LLC. EnviroTrac currently monitors the SSDS on behalf of ZWorldwide Enterprises, LLC.

The remaining reporting/certification requirements as set forth in the SMP have been transferred to ZWorldwide Enterprises LLC. Photographic Documentation of the Site Certification is provided in Appendix A.

Section 2: SSDS

The SSDS is described in detail in the February 2016 FER provided by BC. The layout of the system is shown in Drawings 3 and 1A of the FER (Appendix B of this PRR). The objective of the system is to mitigate soil vapor intrusion into the onsite structure by creating a negative pressure underneath the floor slab of the structure. The SSDS originally consisted of a total of 4 roof mounted Obar GBR 76 Compact Radial Blowers, 14 suction points (SP1-1 through SP1-6, SP2-1 through SP2-3, SP3-1 through SP3-3, and SP4-1 through SP4-2), 18 manual monitoring points identified on the as-built drawings as permanent test holes (PT-1 through PT-18) and 4 Radonaway Checkpoint IIA Mitigation System Alarms. EnviroTrac installed the alarms in May 2018 to replace the previous 4 remote monitoring points tied to the Vapor Guardian 5500 monitoring system. This remote monitoring system is no longer operating.

In June 2022, EnviroTrac went to the Site to conduct the annual certification of the SSDS; however, the SSDS fans for SP1 and SP2 appeared to have failed. At the time, EnviroTrac ordered replacement fans for SP1 and SP2, but the fans appeared to be on back order. The owner of the property, ZWorldwide Enterprises, LLC, requested if we could turn all SSDS fans off and conduct a follow-up Soil Vapor Intrusion (SVI) Investigation to determine if the SSDS was still needed. In August 2022, EnviroTrac requested from the NYSDEC if all SSDS fans could be turned off for a period of six weeks followed by a follow-up SVI Investigation during the heating season (November 15 to March 31).

In consultation with the New York State Department of Health (NYSDOH), the NYSDEC accepted this request on September 1, 2022, and requested that a work plan for the above tasks be submitted for review. The order for the SSDS fans that were on back order was put on hold. On October 14, 2022, EnviroTrac returned to the Site to record the vacuum at the PT locations, which showed no to limited vacuum at PT locations surrounding SP1 and SP2 and acceptable vacuum at PT locations surrounding SP3 and SP4. Following the vacuum readings, the remaining working SSDS fans (SP-3 and SP4) were shut down. Since the SSDS was not operating correctly, the PRR could not be certified by an engineer. The work plan to conduct the SVI Investigation was submitted to the NYSDEC on November 21, 2022. The work plan was accepted by the NYSDEC on December 16, 2022.

The SVI Investigation was conducted on January 5, 2023, and included the collection of 4 sub-slab soil vapor samples (SS-1 through SS-4) below the concrete slab of the office and warehouses, the collection of four indoor air samples (IA-1 through IA-4) paired with the sub-slab soil vapor samples, and the collection of an outdoor air sample (OA-1). SS-1 and IA-1 were collected from the southern warehouse. SS-2 and IA-2 and SS-3 and IA-3 were collected from the main warehouse. SS-4 and IA-4 were collected from the offices. The samples were collected over an eight (8) hour period and laboratory analyzed for volatile organic compounds (VOCs) via US EPA Method TO-15. A helium gas test was conducted at each sub-slab soil vapor sample location and the NYSDOH building questionnaire and chemical inventory sheets were completed. The results of the SVI Investigation showed that due to slightly elevated PCE concentrations in sub-slab soil vapor sample SS-2 (southwestern portion of the main warehouse), mitigation was still required for this area. No exceedances of the NYSDOH Air Guideline Values were reported for the indoor air samples. Based on the SVI Investigation results, EnviroTrac recommended that SSDS fan, SP2, be replaced and turned back on while the remaining fans, SP1, SP3, and SP-4, remain off and that follow-up indoor air samples (at locations IA-1 through IA-4) be collected from the building during the heating season for the next SSDS annual certification. The SVI Investigation Report was provided to the NYSDEC and NYSDOH for review on January 23, 2023. Revisions were made in accordance with a NYSDEC and NYSDOH comment letter dated March 30, 2023, and the request to operate SP2 only at the Site was approved via email dated March 30, 2023. The final SVI Investigation Report was dated March 31, 2023, and provided to the NYSDEC. The SSDS fan at SP3 was removed and placed at location SP2 on the roof and was turned back on, on April 27, 2023. Based on the SVI

Investigation results, human health within the building was protected since no indoor air sample results exceeded the available NYSDOH Air Guideline Values.

2.1 SSDS Status and Operations

During the period of the SSDS operation covered by this PRR (July 2024 to July 2025), the onsite structure was occupied by Long Island Tent and Party Rental, Inc. and utilized for the storage of party tents, tables, chairs, and other miscellaneous party rental items.

The SSDS was constructed in October-November 2015, and the system start-up occurred in November 2015 – January 2016. Additional system adjustments were performed in February 2016. SSDS fans SP1 and SP2 were shown to have failed in June 2022. Approval to temporarily shut down the operating SSDS fans was requested in August 2022 and approved in September 2022 . All SSDS fans were temporarily shut down on October 4, 2022, and remained off until April 27, 2023, when only SP2 was replaced and turned back on. This action was approved by the NYSDEC and NYSDOH on March 30, 2023.

Following the initial installation of the SSDS, quarterly system inspections were performed starting in March 2016, with the exception of September 2016, when the operation of the system was suspended to allow for the completion of the soil sampling program. Since June 2017, the SSDS inspection has been conducted on an annual basis. Due to the failure of 2 SSDS fans in June 2022, all SSDS fans were allowed to remain off for a period of 6 weeks followed by an SVI Investigation. Based on the results of the SVI Investigation, only SSDS SP2 will operate on a continuous basis while SSDS fans SP1, SP3, and SP4 will remain off. The SSDS piping has not been dismantled at the Site and will remain in place until approval is provided for permanent removal by the NYSDEC and the NYSDOH.

EnviroTrac visited the Site on June 20, 2025, to conduct the annual SSDS certification for SP2 only. The alarm system for SP2 was plugged in and properly operating. SSDS inspection data are shown in Appendix C. The following parameters were recorded:

- Air flow rate at suction pits associated with SP2
- Vacuum at suction points associated with SP2
- Vacuum at monitoring points surrounding SP2 suction pits

Equipment used to obtain SSDS performance data are as follows:

- SSDS blower performance data for SP2 were obtained from system instrumentation;
- SSDS riser flow measurements were obtained using an anemometer (TSI – Model VelociCalc 9545);
- SSDS riser vacuum data were obtained using a (0-40 inches water column) digital micromanometer (UEI – Model EM201B); and
- All permanent test ports (PT) sub-slab vacuum data were obtained using a low range (0-40 inches water column) digital micromanometer (UEI – Model EM201B).

Data are summarized in Table 2-1 (flow rates and vacuums at suction points associated with SP2) and 2-2 (vacuums at monitoring points surrounding the suction pits associated with SP2).

2.2 SSDS Performance Evaluation

Vacuum levels at the monitoring points were recorded during one (1) event on June 20, 2025. No access issues were reported for the monitoring points.

2.2.1 SSDS Suction Points

The total extraction rate for the SSDS SP2 was stable on June 20, 2025, at approximately 127.11 acfm. The vacuum at the suction points for the points tributary to the blowers serving the southwest portion of the main building/warehouse (SP2-1 through SP2-3) was between approximately -16.11 and -16.25 in. w.c. These flow rates and vacuums indicate that the SSDS is operating as designed.

2.2.2 SSDS Monitoring Points

The sub-slab vacuums were recorded for the PTs surrounding SP2-1 through SP2-3 (PT-4 and PT-5 located in the southern warehouse, and PT-7, PT-8, PT-9, PT-10, PT-11, and PT-12 located in the main warehouse) were maintained at levels higher than the SMP criterion of -0.004 in. w.c. Sub-slab vacuum was also recorded for PT-14, which is outside the radius of influence for SP2 and showed -0.004 in. w. c. Photoionization detector (PID) readings were also collected from the PT locations listed above. No PID readings over 0.0 parts per million (ppm) were measured.

In summary, the SSDS fan associated with SP2 is operating as designed as shown during the annual monitoring event that occurred on June 20, 2025, and maintained sub-slab vacuum levels higher than -0.004 in. w.c.

2.2.3 Indoor and Outdoor Air Sampling

The indoor air samples (IA-1, IA-2, IA-3, and IA-4) were collected within the building and the outdoor air sample (OA-1) was collected within the parking area during the heating season (November 15 to March 31) on January 16, 2025. The indoor and outdoor air samples were collected into 6L Summa Canisters equipped with eight (8) hour flow controllers and were placed three (3) to four (4) feet above the floor/ground within the southern warehouse, main warehouse, office, and eastern parking lot. The sample locations are shown on Figure 2-1. The indoor and outdoor air sampling results for January 2025 are provided in Table 2-3. The laboratory report is provided in Appendix D.

The results showed that there was an increase in ethyl acetate, methyl ethyl ketone (MEK), and toluene compared to the prior January 6, 2023, air sampling results. A vinyl cement/glue used to repair holes in the tents at the Site was found to contain toluene, MEK, and methyl acetate. The glue was reportedly utilized by the workers in the south warehouse a few days prior to the annual air sampling event. Safety Data Sheets (SDSs) for the chemicals utilized at the tent rental facility are provided in Appendix E.

The contaminants of concern, tetrachloroethene (PCE) and trichloroethene (TCE), remained low and below their NYSDOH Air Guideline Values. There were also a few slight detections of petroleum products which could be related to a pin hole patch material used on the tents and the use of the forklift within the south warehouse during the sampling event.

Based on the indoor air sampling results, the SSDS (SP2) is operating properly and since the shutdown of the other three (3) SSDS fans (SP1, SP3, and SP4), there has not been any impacts to the indoor air within the building with the exception of the vapors emanating from chemicals used to repair the tents and the use of the forklift.

Section 3: Certification

3.1 SSDS Certification

I certify that all of the following statements are true:

- The SSDS employed at this Site was modified since its installation in November 2015 and includes operating SSDS fan SP2 only. This modification was approved by the NYSDEC and NYSDOH on March 30, 2023. Based on the SVI Investigation results, the indoor air within the building was not impacted following a 11-week shutdown of all SSDS fans and prior failure of SSDS fans SP1 and SP2. Therefore, human health was not impacted during the shutdown period or failure period for the SSDS. This PRR covers the period July 2024 to July 2025;
- Two SSDS fans failed as of June 2022. The NYSDEC and NYSDOH approved that all SSDS fans could be temporarily shut down by October 14, 2022. Based on the results of the January 2023 SVI Investigation, the sub-slab soil vapor and indoor air sample results do not indicate that mitigation is required in the areas of SSDS fans SP1, SP3, and SP4, but is still required in the area of SSDS fan SP2. The NYSDEC and NYSDOH agreed that only SSDS fan SP2 was required to operate at the Site. Nothing has occurred that would impair the ability of SSDS at the Site to protect the public health and the environmental. This PRR covers the period July 2024 to July 2025;
- Indoor air sample results collected on January 16, 2025, show that the remaining SSDS fan, SP2, is operating properly and that no indoor air impacts have been reported since the shutdown of the remaining SSDS fans SP1, SP3, and SP4;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for the SSDS during the period covered by this PRR (July 2024 to July 2025);
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program; and
- The information presented in this report is accurate and complete.

3.2 Signature

I certify that all information and statements in Sections 3.1 above are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Dale Konas, of EnviroTrac Engineering, PE, PC, 5 Old Dock Road, Yaphank, NY 11980, am certifying as ZWorldwide Enterprises, LLC, for the Site for the periods indicated above.

Dale Konas, PE

Section 4: Site Cover Inspection

4.1 Site Cover

EnviroTrac inspected the site cover at the Site on June 20, 2025. No changes to the site cover were noted since the last site certification. The Site is still being used for commercial purposes by LI Tent Rental for office space, storage of tents and furniture for events and parties, storage of equipment for moving and loading tents and furniture into delivery trucks, and the parking of delivery trucks. The site cover consists of concrete and asphalt pavement as well as landscaped/lawn areas on the exterior portions, and the building and concrete slab for the interior portions. No evidence of cuts, holes, or excavations were observed for the site cover.

TABLES

EnviroTrac

Table 2-1
Vacuum Monitoring Point Measurements
86 Cleveland Avenue, Bay Shore, NY

Vacuum Monitoring Point	Vacuum Measurement inches of water														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
PT-1	NA	NA	-0.063	-0.027	-0.029	-0.031	-0.052	-0.061	NA	-0.031	-0.086	0.000	NA	NA	NA
PT-2	-0.040	NA	-0.042	-0.020	-0.020	-0.020	-0.039	-0.044	NA	-0.277	-1.024	0.000	NA	NA	NA
PT-3	-0.030	NA	-0.127	-0.042	-0.040	-0.121	-0.145	-0.155	NA	-0.064	-0.060	0.000	NA	NA	NA
PT-4	-0.060	-0.150	-0.382	-0.020	-0.020	-0.020	-0.121	-0.091	NA	-0.080	-0.257	0.000	-0.030	-0.035	-0.032
PT-5	-0.010	NA	-0.001	-0.064	-0.066	-0.036	-0.046	-0.087	NA	-0.409	-0.286	0.000	-0.008	-0.011	-0.010
PT-6	-0.030	NA	-0.007	-0.022	-0.028	-0.210	-0.193	-0.261	NA	-0.108	-0.100	0.000	NA	NA	NA
PT-7	-0.004	NA	-0.027	-0.017	-0.016	-0.018	-0.010	-0.024	NA	-0.013	-0.011	0.000	-0.009	-0.010	-0.009
PT-8	-0.005	NA	-0.523	-0.059	-0.044	-0.040	NA	NA	-0.036	-0.011	-0.010	0.000	-0.010	-0.053	-0.069
PT-9	-0.004	NA	-0.005	-0.022	-0.020	-0.127	NA	NA	-0.114	-0.024	-0.016	0.000	-0.011	-0.020	-0.022
PT-10	-0.280	NA	-0.444	-0.114	-0.111	-0.768	-1.088	-0.415	NA	-0.139	-0.194	0.000	-0.100	-0.173	-0.252

Vacuum Monitoring Point	Vacuum Measurement inches of water														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
PT-11	-0.060	NA	-0.052	-0.045	-0.044	-0.05	-0.48	-0.062	NA	-0.047	-0.021	0.000	-0.014	-0.029	-0.014
PT-12	-0.015	NA	-0.368	-0.236	-0.222	-0.148	-0.098	-0.319	NA	-0.145	-0.079	-0.061	-0.009	-0.570	-0.060
PT-13	-0.004	NA	-0.051	-0.046	-0.045	-0.126	0.114	NA	-0.094	-0.071	-0.025	-0.010	0.000	-0.009	-0.010
PT-14	-0.020	NA	-0.046	-0.105	-0.100	-0.096	-0.026	NA	-0.026	-0.014	-0.012	-0.009	0.000	-0.006	-0.004
PT-15	-0.100	NA	-0.015	-0.488	-0.400	-0.022	-0.014	NA	-0.019	-0.010	-0.010	-0.010	NA	NA	NA
PT-16	-0.004	NA	-0.001	-0.717	-0.722	-0.02	-0.016	NA	-0.021	-0.010	-0.010	-0.012	NA	NA	NA
PT-17	-0.005	NA	-0.043	-0.071	-0.071	-0.028	NA	NA	-0.044	-0.012	-0.011	-0.010	NA	NA	NA
PT-18	-0.004	NA	-0.002	-0.230	-0.219	-0.026	-0.021	NA	-0.032	-0.009	-0.009	-0.010	NA	NA	NA

Notes:
PT - Test Point
NA = Not Available

EnviroTrac
Environmental Services

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

ADS Blowers	Vacuum Measurement inches of water												
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
B-1	NA	NA	-2	-1.6	-1	-3	-1.8	-2.0	-4.0	0.0	0.0	0.0	0.0
B-2	NA	NA	-12	-13	-11	-15	-12.5	-9.0	-14.0	0.0	0.0	-15.0	-15.0
B-3	NA	NA	-10	-17.5	-9	-10	-10.5	-16.0	-2.0	-2.0	-1.0	0.0	0.0
B-4	NA	NA	-4.2	-4.5	-4	-4	-4.2	-4.0	-4.0	-4.0	0.0	0.0	0.0

Notes:

B = Blower

NA = Not Available

EnviroTrac
Environmental Services

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Vacuum Measurement inches of water														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
1-1	NA	NA	-1.875	-0.072	-0.673	-2.728	-1.371	-4.29	NA	-1.529	-3.589	0.00	NA	NA	NA
1-2	NA	NA	-1.821	-0.036	-0.612	-2.78	-1.687	-3.902	NA	-1.503	-3.561	0.00	NA	NA	NA
1-3	NA	NA	-1.837	-0.212	-0.547	-2.549	-1.647	-4.264	NA	-1.477	-3.655	0.00	NA	NA	NA
1-4	NA	NA	-1.76	-0.939	-0.513	-2.626	-1.6	-4.154	NA	-1.468	-3.594	0.00	NA	NA	NA
1-5	NA	NA	-1.785	-0.744	-0.381	-2.546	-1.693	-3.998	NA	-1.410	-3.468	0.00	NA	NA	NA
1-6	NA	NA	-1.822	-1.059	-0.558	-2.511	-1.617	-4.071	NA	-1.475	-3.482	0.00	NA	NA	NA
2-1	NA	NA	-12.37	-14.390	-11.580	-15.38	-15.12	-15.13	NA	-9.536	-15.26	0.00	-0.52	-15.83	-16.25
2-2	NA	NA	-12.26	-0.348	-11.530	-15.3	-15.03	-15.19	NA	-9.381	-15.15	0.00	-0.57	-15.16	-16.17
2-3	NA	NA	-12.46	-14.410	-11.700	-16.42	-14.98	-15.8	NA	-9.672	-15.56	0.00	-0.52	-15.53	-16.11
3-1	NA	NA	-10.49	-0.358	-9.384	-10.43	-12.31	NA	-20.82	-16.30	-0.792	-0.643	NA	NA	NA
3-2	NA	NA	-10.28	-0.475	-8.764	-10.22	-9.34	NA	-20.28	-15.41	-0.802	-0.591	NA	NA	NA
3-3	NA	NA	-10.30	-0.255	-8.898	-10.28	-10.49	NA	-20.43	-15.87	-0.766	-0.633	NA	NA	NA
4-1	NA	NA	NA	NA	-4.222	-4.113	-4.01	-4.429	NA	-4.169	-3.546	-4.111	NA	NA	NA
4-2	NA	NA	NA	NA	-4.016	-4.039	-3.981	-4.088	NA	-3.888	-3.775	-3.701	NA	NA	NA

EnviroTrac
Environmental Services

Table 2-2
ADS Blower and Riser Pipe Vacuum and Air Flow Measurements
86 Cleveland Avenue, Bay shore, NY

Riser	Air Flow cubic feet per miter														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
1-1	NA	NA	1.31	2.22	1.980	1.66	1.83	7.98	NA	2.52	3.72	0.00	NA	NA	NA
1-2	NA	NA	2.40	1.45	3.790	1.74	2.71	15.3	NA	2.19	6.75	0.00	NA	NA	NA
1-3	NA	NA	1.27	5.95	3.850	10.19	8.93	9.42	NA	7.50	9.31	0.00	NA	NA	NA
1-4	NA	NA	21.41	41.02	22.250	29.23	21.93	32.95	NA	20.70	31.18	0.00	NA	NA	NA
1-5	NA	NA	20.03	65.16	45.240	40.7	28.36	39.67	NA	27.50	36.11	0.00	NA	NA	NA
1-6	NA	NA	14.93	26.35	15.420	25.39	16.1	30.94	NA	19.60	31.25	0.00	NA	NA	NA
2-1	NA	NA	10.06	21.43	10.010	17.07	17.38	23.75	NA	25.80	30.10	0.00	30.00	20.94	25.10
2-2	NA	NA	19.37	18.39	14.610	16.52	17.15	16.25	NA	28.40	21.64	0.00	22.02	20.56	24.88
2-3	NA	NA	16.55	27.36	24.420	21.47	16.39	25.08	NA	18.60	30.39	0.00	30.44	69.57	77.13
3-1	NA	NA	13.07	22.54	11.190	12.66	21.01	NA	25.64	25.40	3.59	7.61	NA	NA	NA
3-2	NA	NA	25.26	65.54	40.490	27.08	26.12	NA	42.33	53.50	4.01	8.98	NA	NA	NA
3-3	NA	NA	15.60	40.33	24.660	18.56	17.51	NA	33.82	37.40	6.73	9.60	NA	NA	NA
4-1	NA	NA	NA	NA	22.47	21.26	20.39	19.91	NA	34.50	32.44	26.92	NA	NA	NA
4-2	NA	NA	NA	NA	50.98	32.49	30.68	42.48	NA	41.90	42.43	52.10	NA	NA	NA

EnviroTrac
Environmental Services

Table 2-3
Indoor and Outdoor Air Chemical Analytical Results
LI Tent Rental
86 Cleveland Avenue
Bay Shore, NY

Sample ID	IA-1	IA-1	IA-2	IA-2	IA-3	IA-3	IA-4	IA-4	OA-1	OA-1	BD	BD	NYSDOH Air Guideline Values	NYSDOH Decision Matrices
Location	South Warehouse	South Warehouse	Main Warehouse	Main Warehouse	Main Warehouse	Main Warehouse	Office	Office	To East of Building	To East of Building	South Warehouse	South Warehouse		
Sample Date	1/6/2023	1/16/2025	1/6/2023	1/16/2025	1/6/2023	1/16/2025	1/6/2023	1/16/2025	1/6/2023	1/16/2025	1/6/2023	1/16/2025		
Volatile Organic Compounds *(in micrograms per cubic meter of air)*														
1,2,4-Trimethylbenzene	ND	11.8	1.25	1.69	ND	3.22	ND	ND	ND	ND	ND	9.19	-	2 or greater
1,3,5 Trimethylbenzene	ND	2.72	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
4-Ethyltoluene	ND	7.91	1.1	1.52	ND	2.3	ND	ND	ND	ND	ND	6.29	-	-
4-Isopropyltoluene	ND	1.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	-
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	1.33	ND	ND	ND	-	-
Acetone	49.9	10.9	36.1	58.9	27.8	50.1	25.4	13.1	17.7	6.69	51.5	12.4	-	-
Benzene	1.8	1.12	1.46	1.42	1.34	1.24	1.07	1.22	1.04	ND	1.72	ND	-	2 or greater
Carbon Tetrachloride	0.4	0.44	0.59	0.43	0.4	0.45	0.4	0.43	0.4	0.45	0.38	ND	-	1 or greater
Chloroform	1.03	1.37	ND	ND	ND	ND	ND	ND	ND	ND	1.03	ND	-	-
Chloromethane	1.24	ND	ND	ND	1.2	ND	1.25	1.1	1.22	ND	1.3	ND	-	-
Cyclohexane	ND	ND	1.05	ND	ND	ND	ND	ND	ND	ND	1.7	ND	-	2 or greater
Dichlorodifluoromethane	2.53	2.11	2.28	2.33	2.25	2.2	2.19	2.21	2.43	2.22	2.73	ND	-	-
Ethanol	32	11.6	127	14.3	43.7	21.8	243	28.2	30.5	5.72	33.5	13.8	-	-
Ethyl acetate	ND	332	2.46	47.2	ND	68.8	ND	3.25	ND	ND	ND	331	-	-
Ethylbenzene	ND	ND	1.12	2.74	ND	2.49	ND	ND	ND	ND	ND	ND	-	2 or greater
Heptane	1.56	ND	1.25	ND	1.32	ND	1.23	ND	1.01	ND	1.61	ND	-	6 or greater
Hexane	7.33	ND	4.76	ND	4.3	ND	5.64	1.26	5.14	ND	7.68	ND	-	6 or greater
Isooctane	ND	ND	ND	1.09	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
Isopropyl alcohol	4.3	1.38	4.89	1.62	5.72	2.63	54.3	2.65	5.43	ND	4.32	ND	-	-
m,p-Xylene	3.01	3.35	3.77	11.4	3.08	10.6	2.6	2.64	2.1	1.06	2.97	ND	-	6 or greater
Methyl Ethyl Ketone	22.5	312	9.11	44.5	9.05	62.2	4.27	3.89	1.89	ND	22.9	307	-	-
Napthalene	ND	2.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	2 or greater
n-Butylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		
o-Xylene	1.05	4.3	1.41	0.782	1.11	3.53	ND	ND	ND	ND	1.03	ND	-	2 or greater
Tetrachloroethane	1.22	1.17	1.3	0.245	1.48	0.9	2.75	0.62	2.96	0.33	1.31	ND	30	3 or greater
Tetrahydrofuran	ND	ND	ND	ND	ND	4.04	ND	ND	ND	ND	ND	ND		
Trichloroethene	ND	0.21	ND	0.066	ND	ND	ND	0.21	ND	ND	ND	ND	2	0.2 or greater
Toluene	37.1	197	22.9	11.9	19.4	56.9	20	9.6	9.38	3.47	37.3	192	-	10 or greater
Trichlorofluoromethane	1.45	1.09	1.2	0.214	1.36	1.11	1.37	1.11	1.56	1.1	1.41	ND	-	-

Notes:

1. Only detected analytes are reported.
2. VOCs = Volatile Organic Compounds
3. Laboratory Analysis = VOCs via EPA Method TO-15
4. - = No New York State Department of Health (NYSDOH) Air Guideline Value was available.
5. Results were compared to the available NYSDOH Indoor Air Guideline Values.
6. Results were compared to the available NYSDOH Decision Matrices. Results at or greater than the value provided would require mitigation.

Envirotrac
Environmental Services

FIGURES

TOPOGRAPHIC MAP

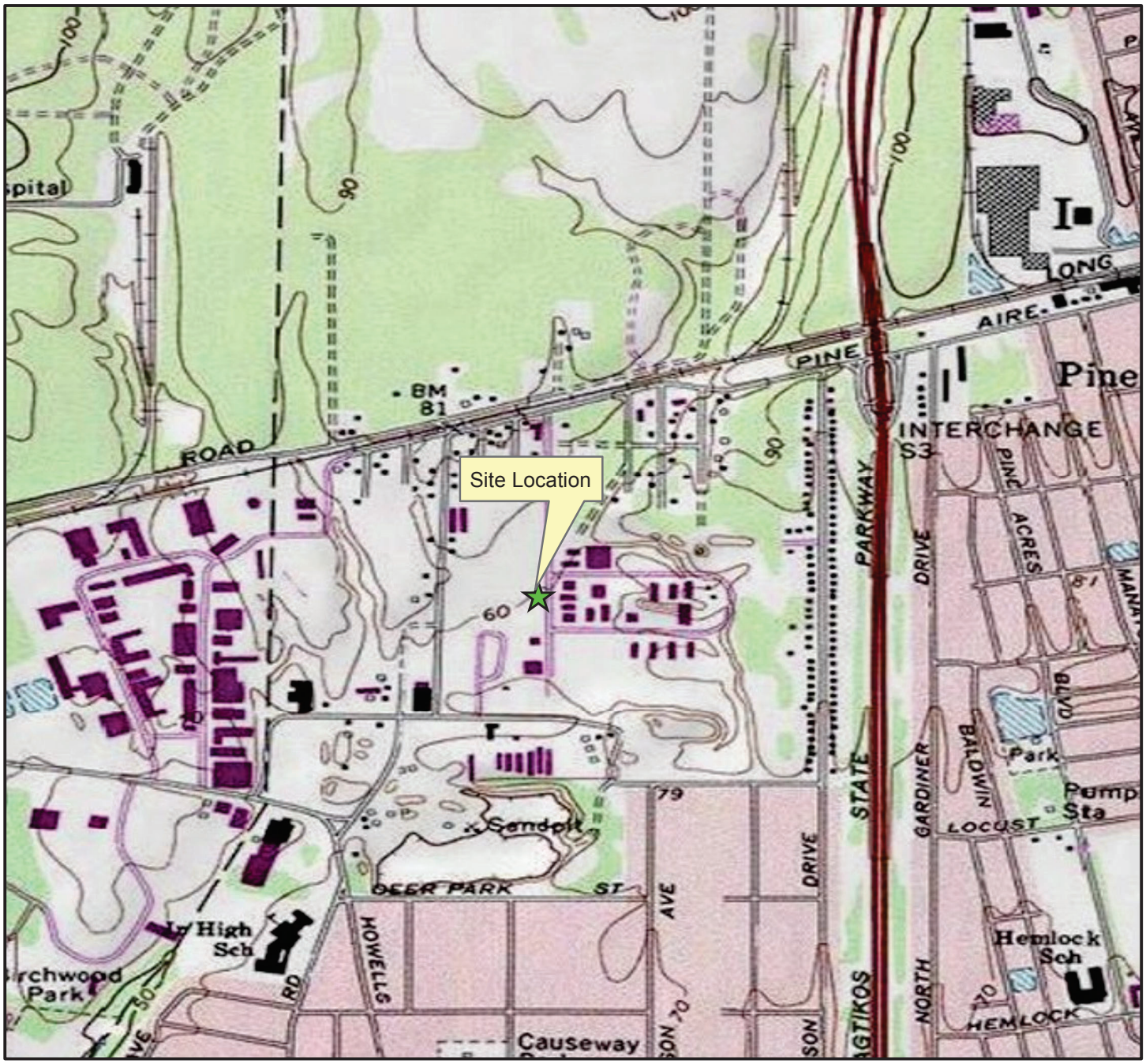


Figure 1
Topographic Map

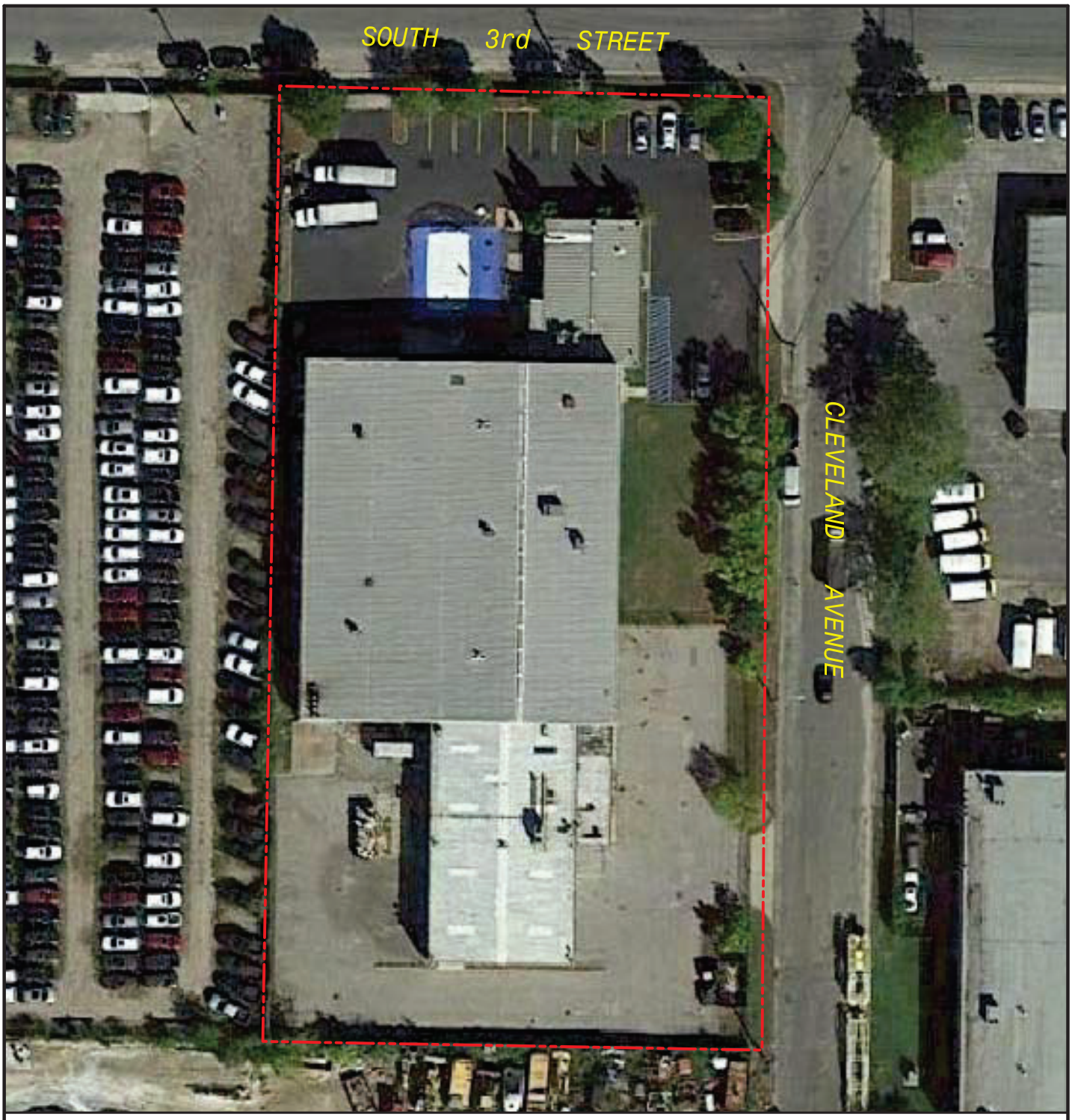
86 Cleveland Avenue
Bay Shore, NY 11706

USGS Quadrangle:
Greenlawn

Approx. Elevation:
60 feet

N
W E
S

EnviroTrac
Environmental Services
5 Old Dock Road
Yaphank, NY 11980
P: 631-924-3001 F:631-924-5001



LEGEND:

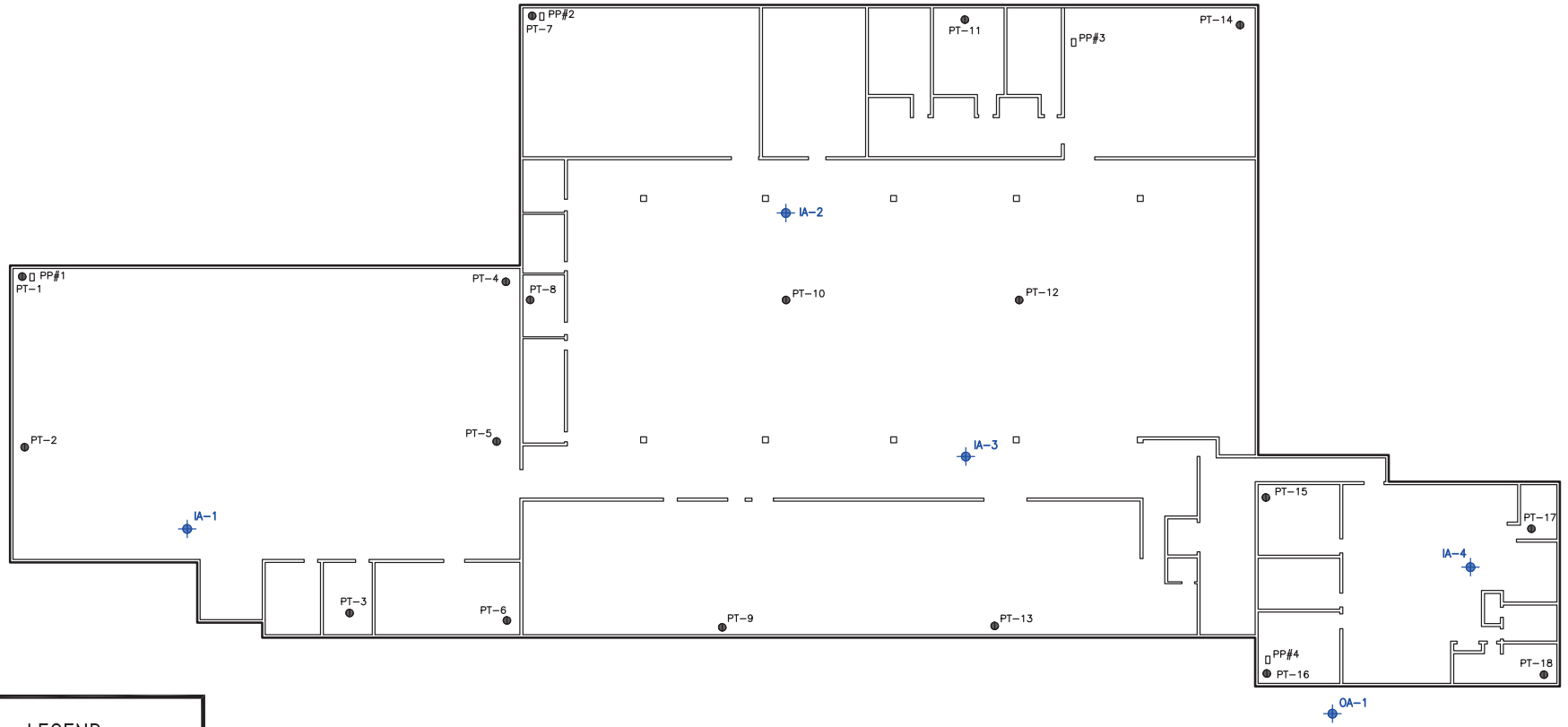
PROPERTY BOUNDARY

N
W E
S

0 60
SCALE IN FEET

FIGURE #	SITE PLAN	DRAWN BY: B.S.	EnviroTrac ENVIRONMENTAL SERVICES
1-2	FORMER BARON BLAKESLEE SITE 86 CLEVELAND AVENUE BAY SHORE, NEW YORK	REVISION DATE: 8/7/2018	5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980 PHONE: (631)924-3001 FAX: (631)924-5001

north



LEGEND:

PT-1 ●	PERMENANT TESTHOLE
PP#1 □	REMOTE MONITORING PORT
⊕	SAMPLE LOCATION
IA	INDOOR AIR SAMPLE
OA	OUTDOOR AIR SAMPLE

CLEVELAND AVENUE

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 25
SCALE IN FEET

DATE: 7/9/2025

REVISED BY: BS

86 CLEVELAND AVENUE
BAY SHORE, NEW YORK

SAMPLE LOCATIONS

FIGURE #
2-1

APPENDICES

EnviroTrac

APPENDIX A

Photographic Documentation

Photographic Documentation on June 25, 2025

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

Photograph 1: View of the vacuum gauges for the SSDS fans. Only SP2 is showing vacuum.

Photograph 2: View of the main warehouse floor and SP2-2.

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Environmental Services

Photographic Documentation on June 25, 2025

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

Photograph 3: View of SP2-3.

Photograph 4: View of SP2-1.

EnviroTrac
Environmental Services

Photographic Documentation on June 25, 2025

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

Photograph 5: View of the office.

Photograph 6: View of the northern parking lot.

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Environmental Services

Photographic Documentation on June 25, 2025

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

Photograph 7: View of the northeastern parking lot.

Photograph 8: View of the grassy area to the east of the building.

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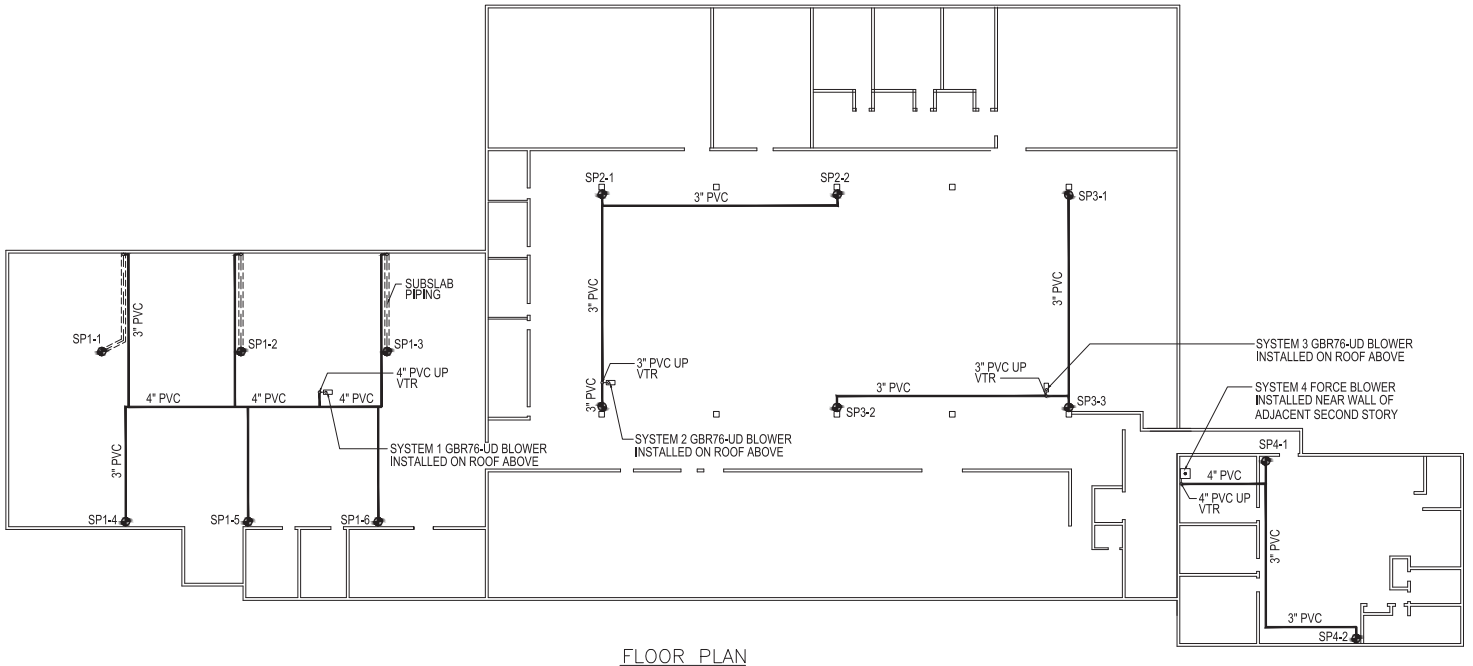
Photographic Documentation on June 25, 2025

Industrial Property
86 Cleveland Avenue
Bay Shore, New York 11706

Photograph 9: View of the paved area to the south of the building.

APPENDIX B

SSDS Layouts
(from Final Engineering Report)



FLOOR PLAN

0 12' 36'
6' 24' 48'
GRAPHIC SCALE

LEGEND

- SP#-# SUCTION POINT
- MAGNEHELIC PANEL
- M VAPOR GUARDIAN PANEL
- OBAR GBR76-UD BLOWER
- FRT FORCE BLOWER
- PB#1 PRESSURE PROBES
- FIRE COLLAR (AS REQ'D.)

CLEAN VAPOR LLC
P.O. BOX 688, BLAIRSTOWN, NJ 07825
Ph. 908 362-5616 Fax. 908 362-5433
www.cleanvapor.com

CLEAN VAPOR LLC

ACTIVE SOIL DEPRESSURIZATION
86 CLEVELAND AVENUE
BAY SHORE, NEW YORK 11706

REVISION	DATE
AS-BUILTS	11-23-15
	5/27/15
DRAWN BY	DAB
APPROVED	TEH
SCALE	3/32"=1'
CHECKED BY	TEH

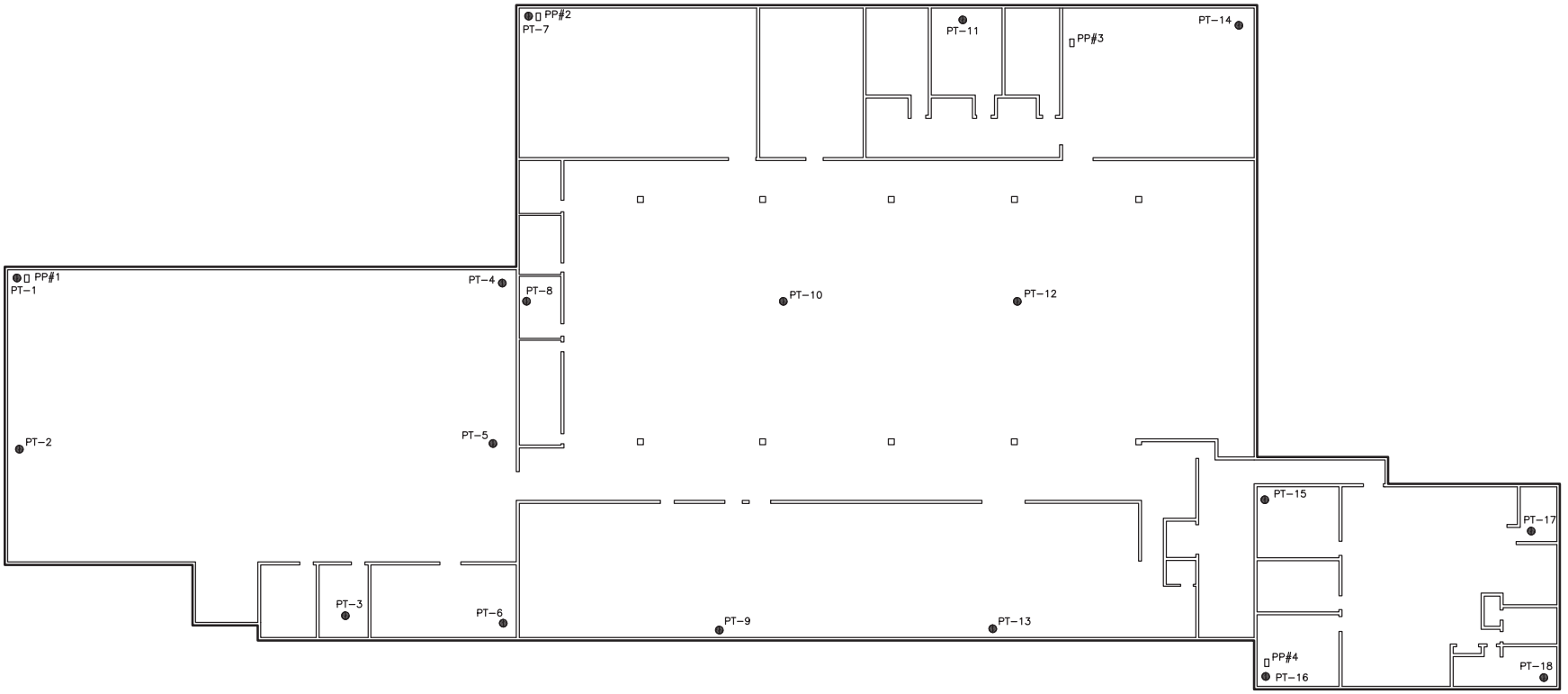
SHEET TITLE

SUCTION PT. & BLOWERS

SHEET NO.

3

north



LEGEND:

PT-1 ● PERMENANT TESTHOLE

PP#1 □ REMOTE MONITORING PORT

CLEVELAND AVENUE

EnviroTrac
ENVIRONMENTAL SERVICES
5 OLD DOCK ROAD, YAPHANK, NEW YORK 11980
PHONE: (631)924-3001 FAX: (631)924-5001

0 25
SCALE IN FEET

DATE: 7/26/2017

REVISED BY: BS

86 CLEVELAND AVENUE
BAY SHORE, NEW YORK

SITE PLAN

FIGURE #
1

APPENDIX C

SSDS Operation Data

EnviroTrac

Table 2-1
Vacuum Monitoring Point Measurements
86 Cleveland Avenue, Bay Shore, NY

Vacuum Monitoring Point	Vacuum Measurement inches of water														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
PT-1	NA	NA	-0.063	-0.027	-0.029	-0.031	-0.052	-0.061	NA	-0.031	-0.086	0.000	NA	NA	NA
PT-2	-0.040	NA	-0.042	-0.020	-0.020	-0.020	-0.039	-0.044	NA	-0.277	-1.024	0.000	NA	NA	NA
PT-3	-0.030	NA	-0.127	-0.042	-0.040	-0.121	-0.145	-0.155	NA	-0.064	-0.060	0.000	NA	NA	NA
PT-4	-0.060	-0.150	-0.382	-0.020	-0.020	-0.020	-0.121	-0.091	NA	-0.080	-0.257	0.000	-0.030	-0.035	-0.032
PT-5	-0.010	NA	-0.001	-0.064	-0.066	-0.036	-0.046	-0.087	NA	-0.409	-0.286	0.000	-0.008	-0.011	-0.010
PT-6	-0.030	NA	-0.007	-0.022	-0.028	-0.210	-0.193	-0.261	NA	-0.108	-0.100	0.000	NA	NA	NA
PT-7	-0.004	NA	-0.027	-0.017	-0.016	-0.018	-0.010	-0.024	NA	-0.013	-0.011	0.000	-0.009	-0.010	-0.009
PT-8	-0.005	NA	-0.523	-0.059	-0.044	-0.040	NA	NA	-0.036	-0.011	-0.010	0.000	-0.010	-0.053	-0.069
PT-9	-0.004	NA	-0.005	-0.022	-0.020	-0.127	NA	NA	-0.114	-0.024	-0.016	0.000	-0.011	-0.020	-0.022
PT-10	-0.280	NA	-0.444	-0.114	-0.111	-0.768	-1.088	-0.415	NA	-0.139	-0.194	0.000	-0.100	-0.173	-0.252

Vacuum Monitoring Point	Vacuum Measurement inches of water														
Date	2/22/2017	6/29/2017	9/19/2017	12/29/2017	3/14/2018	6/15/2018	9/26/2018	6/19/2019	7/11/2019	6/9/2020	6/3/2021	10/4/2022	5/11/2023	8/1/2024	6/20/2025
PT-11	-0.060	NA	-0.052	-0.045	-0.044	-0.05	-0.48	-0.062	NA	-0.047	-0.021	0.000	-0.014	-0.029	-0.014
PT-12	-0.015	NA	-0.368	-0.236	-0.222	-0.148	-0.098	-0.319	NA	-0.145	-0.079	-0.061	-0.009	-0.570	-0.060
PT-13	-0.004	NA	-0.051	-0.046	-0.045	-0.126	0.114	NA	-0.094	-0.071	-0.025	-0.010	0.000	-0.009	-0.010
PT-14	-0.020	NA	-0.046	-0.105	-0.100	-0.096	-0.026	NA	-0.026	-0.014	-0.012	-0.009	0.000	-0.006	-0.004
PT-15	-0.100	NA	-0.015	-0.488	-0.400	-0.022	-0.014	NA	-0.019	-0.010	-0.010	-0.010	NA	NA	NA
PT-16	-0.004	NA	-0.001	-0.717	-0.722	-0.02	-0.016	NA	-0.021	-0.010	-0.010	-0.012	NA	NA	NA
PT-17	-0.005	NA	-0.043	-0.071	-0.071	-0.028	NA	NA	-0.044	-0.012	-0.011	-0.010	NA	NA	NA
PT-18	-0.004	NA	-0.002	-0.230	-0.219	-0.026	-0.021	NA	-0.032	-0.009	-0.009	-0.010	NA	NA	NA

Notes:
PT - Test Point
NA = Not Available

EnviroTrac
Environmental Services

APPENDIX D

Laboratory Report

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 22, 2025

Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Project ID: 86 CLEVELAND AVE
SDG ID: GCS48013
Sample ID#s: CS48013 - CS48018

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

SDG Comments

January 22, 2025

SDG I.D.: GCS48013

Version 2
Sample ID CS48017 mis-identified and reported cis-1,2-dichlorothene.

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

January 22, 2025

SDG I.D.: GCS48013

Project ID: 86 CLEVELAND AVE

Client Id	Lab Id	Matrix	Col Date
IA-4	CS48013	AIR	01/16/25 15:35
OA-1	CS48014	AIR	01/16/25 15:36
IA-3	CS48015	AIR	01/16/25 15:31
IA-2	CS48016	AIR	01/16/25 15:30
DUPLICATE	CS48017	AIR	01/16/25 15:32
IA-1	CS48018	AIR	01/16/25 15:32

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:35
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	235				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48013

Project ID: 86 CLEVELAND AVE
Client ID: IA-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/17/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/17/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/17/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Acetone	5.52	*0.421*	13.1	*1.00*	01/17/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/17/25	KCA	1	
Benzene	0.381	*0.313*	1.22	*1.00*	01/17/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-4

Phoenix I.D.: CS48013

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/17/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/17/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/17/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/17/25	KCA	1	
Carbon Tetrachloride	0.068	*0.032*	0.43	*0.20*	01/17/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/17/25	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	01/17/25	KCA	1	
Chloromethane	0.534	*0.485*	1.10	*1.00*	01/17/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/17/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/17/25	KCA	1	
Dichlorodifluoromethane	0.448	*0.202*	2.21	*1.00*	01/17/25	KCA	1	
Ethanol	15.0	*0.531*	28.2	*1.00*	01/17/25	KCA	1	1
Ethyl acetate	0.902	*0.278*	3.25	*1.00*	01/17/25	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/17/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/17/25	KCA	1	
Hexane	0.358	*0.284*	1.26	*1.00*	01/17/25	KCA	1	
Isooctane	ND	*0.215*	ND	*1.00*	01/17/25	KCA	1	
Isopropylalcohol	1.08	*0.407*	2.65	*1.00*	01/17/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
m,p-Xylene	0.608	*0.230*	2.64	*1.00*	01/17/25	KCA	1	
Methyl Ethyl Ketone	1.32	*0.339*	3.89	*1.00*	01/17/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	01/17/25	KCA	1	
Naphthalene	ND	*0.200*	ND	*1.05*	01/17/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	01/17/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/17/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/17/25	KCA	1	
Tetrachloroethene	0.091	*0.037*	0.62	*0.25*	01/17/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/17/25	KCA	1	1
Toluene	2.54	*0.266*	9.6	*1.00*	01/17/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/17/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Trichloroethene	0.040	*0.037*	0.21	*0.20*	01/17/25	KCA	1	
Trichlorofluoromethane	0.197	*0.178*	1.11	*1.00*	01/17/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/17/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/17/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	101	*%*	101	*%*	01/17/25	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	01/17/25	KCA	1	
% IS-Bromochloromethane	101	*%*	101	*%*	01/17/25	KCA	1	
% IS-Chlorobenzene-d5	100	*%*	100	*%*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-4

Phoenix I.D.: CS48013

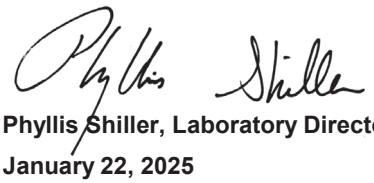
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 22, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:36
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	16009				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48014

Project ID: 86 CLEVELAND AVE
Client ID: OA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/17/25	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/17/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/17/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Acetone	2.82	*0.421*	6.69	*1.00*	01/17/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/17/25	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	01/17/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: OA-1

Phoenix I.D.: CS48014

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/17/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/17/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/17/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/17/25	KCA	1	
Carbon Tetrachloride	0.071	*0.032*	0.45	*0.20*	01/17/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/17/25	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	01/17/25	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	01/17/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/17/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/17/25	KCA	1	
Dichlorodifluoromethane	0.449	*0.202*	2.22	*1.00*	01/17/25	KCA	1	
Ethanol	3.04	*0.531*	5.72	*1.00*	01/17/25	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/17/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/17/25	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	01/17/25	KCA	1	
Isooctane	ND	*0.215*	ND	*1.00*	01/17/25	KCA	1	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	01/17/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
m,p-Xylene	0.245	*0.230*	1.06	*1.00*	01/17/25	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	01/17/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	01/17/25	KCA	1	
Naphthalene	ND	*0.200*	ND	*1.05*	01/17/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	01/17/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/17/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/17/25	KCA	1	
Tetrachloroethene	0.048	*0.037*	0.33	*0.25*	01/17/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/17/25	KCA	1	1
Toluene	0.921	*0.266*	3.47	*1.00*	01/17/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/17/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	01/17/25	KCA	1	
Trichlorofluoromethane	0.196	*0.178*	1.10	*1.00*	01/17/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/17/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/17/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	100	*%*	100	*%*	01/17/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	96	*%*	01/17/25	KCA	1	
% IS-Bromochloromethane	101	*%*	101	*%*	01/17/25	KCA	1	
% IS-Chlorobenzene-d5	97	*%*	97	*%*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: OA-1

Phoenix I.D.: CS48014

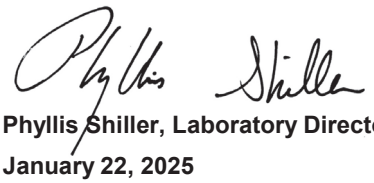
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 22, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:31
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	49210				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48015

Project ID: 86 CLEVELAND AVE
Client ID: IA-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/17/25	KCA	1	
1,2,4-Trimethylbenzene	0.655	*0.204*	3.22	*1.00*	01/17/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/17/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/17/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	1
4-Ethyltoluene	0.469	*0.204*	2.30	*1.00*	01/17/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Acetone	21.1	*0.421*	50.1	*1.00*	01/17/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/17/25	KCA	1	
Benzene	0.387	*0.313*	1.24	*1.00*	01/17/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-3

Phoenix I.D.: CS48015

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/17/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/17/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/17/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/17/25	KCA	1	
Carbon Tetrachloride	0.071	*0.032*	0.45	*0.20*	01/17/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/17/25	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	01/17/25	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	01/17/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/17/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/17/25	KCA	1	
Dichlorodifluoromethane	0.446	*0.202*	2.20	*1.00*	01/17/25	KCA	1	
Ethanol	11.6	*0.531*	21.8	*1.00*	01/17/25	KCA	1	1
Ethyl acetate	19.1	*0.278*	68.8	*1.00*	01/17/25	KCA	1	1
Ethylbenzene	0.573	*0.230*	2.49	*1.00*	01/17/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/17/25	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	01/17/25	KCA	1	
Isooctane	ND	*0.215*	ND	*1.00*	01/17/25	KCA	1	
Isopropylalcohol	1.07	*0.407*	2.63	*1.00*	01/17/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
m,p-Xylene	2.45	*0.230*	10.6	*1.00*	01/17/25	KCA	1	
Methyl Ethyl Ketone	21.1	*0.339*	62.2	*1.00*	01/17/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	01/17/25	KCA	1	
Naphthalene	ND	*0.200*	ND	*1.05*	01/17/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
o-Xylene	0.813	*0.230*	3.53	*1.00*	01/17/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/17/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/17/25	KCA	1	
Tetrachloroethene	0.133	*0.037*	0.90	*0.25*	01/17/25	KCA	1	
Tetrahydrofuran	1.37	*0.339*	4.04	*1.00*	01/17/25	KCA	1	1
Toluene	15.1	*0.266*	56.9	*1.00*	01/17/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/17/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	01/17/25	KCA	1	
Trichlorofluoromethane	0.197	*0.178*	1.11	*1.00*	01/17/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/17/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/17/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	102	*%*	102	*%*	01/17/25	KCA	1	
% IS-1,4-Difluorobenzene	98	*%*	98	*%*	01/17/25	KCA	1	
% IS-Bromochloromethane	101	*%*	101	*%*	01/17/25	KCA	1	
% IS-Chlorobenzene-d5	96	*%*	96	*%*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-3

Phoenix I.D.: CS48015

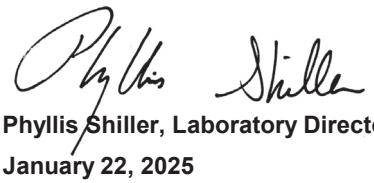
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 22, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:30
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	4630				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48016

Project ID: 86 CLEVELAND AVE
Client ID: IA-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/17/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/17/25	KCA	1	
1,2,4-Trimethylbenzene	0.343	*0.204*	1.69	*1.00*	01/17/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/17/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/17/25	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/17/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/17/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	1
4-Ethyltoluene	0.310	*0.204*	1.52	*1.00*	01/17/25	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Acetone	24.8	*0.421*	58.9	*1.00*	01/17/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/17/25	KCA	1	
Benzene	0.445	*0.313*	1.42	*1.00*	01/17/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-2

Phoenix I.D.: CS48016

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/17/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/17/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/17/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/17/25	KCA	1	
Carbon Tetrachloride	0.069	*0.032*	0.43	*0.20*	01/17/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/17/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/17/25	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	01/17/25	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	01/17/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/17/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/17/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/17/25	KCA	1	
Dichlorodifluoromethane	0.472	*0.202*	2.33	*1.00*	01/17/25	KCA	1	
Ethanol	7.62	*0.531*	14.3	*1.00*	01/17/25	KCA	1	1
Ethyl acetate	13.1	*0.278*	47.2	*1.00*	01/17/25	KCA	1	1
Ethylbenzene	0.631	*0.230*	2.74	*1.00*	01/17/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/17/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/17/25	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	01/17/25	KCA	1	
Isooctane	0.233	*0.215*	1.09	*1.00*	01/17/25	KCA	1	
Isopropylalcohol	0.659	*0.407*	1.62	*1.00*	01/17/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/17/25	KCA	1	
m,p-Xylene	2.63	*0.230*	11.4	*1.00*	01/17/25	KCA	1	
Methyl Ethyl Ketone	15.1	*0.339*	44.5	*1.00*	01/17/25	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/17/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	01/17/25	KCA	1	
Naphthalene	ND	*0.200*	ND	*1.05*	01/17/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
o-Xylene	0.782	*0.230*	3.39	*1.00*	01/17/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/17/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/17/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/17/25	KCA	1	
Tetrachloroethene	0.245	*0.037*	1.66	*0.25*	01/17/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/17/25	KCA	1	1
Toluene	11.9	*0.266*	44.8	*1.00*	01/17/25	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/17/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/17/25	KCA	1	
Trichloroethene	0.066	*0.037*	0.35	*0.20*	01/17/25	KCA	1	
Trichlorofluoromethane	0.214	*0.178*	1.20	*1.00*	01/17/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/17/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/17/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	102	*%*	102	*%*	01/17/25	KCA	1	
% IS-1,4-Difluorobenzene	96	*%*	96	*%*	01/17/25	KCA	1	
% IS-Bromochloromethane	101	*%*	101	*%*	01/17/25	KCA	1	
% IS-Chlorobenzene-d5	97	*%*	97	*%*	01/17/25	KCA	1	

Project ID: 86 CLEVELAND AVE
Client ID: IA-2

Phoenix I.D.: CS48016

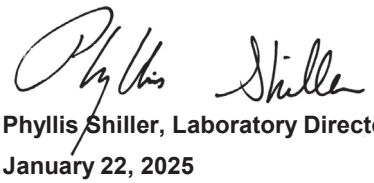
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
January 22, 2025
Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:32
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	13642				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48017

Project ID: 86 CLEVELAND AVE
Client ID: DUPLICATE

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/18/25	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	01/18/25	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	01/18/25	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	01/18/25	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	01/18/25	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	01/18/25	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	01/18/25	KCA	5	
1,2,4-Trimethylbenzene	1.87	*1.02*	9.19	*5.01*	01/18/25	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	01/18/25	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/18/25	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	01/18/25	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	01/18/25	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	01/18/25	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	01/18/25	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	01/18/25	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/18/25	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	01/18/25	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	01/18/25	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	01/18/25	KCA	5	1
4-Ethyltoluene	1.28	*1.02*	6.29	*5.01*	01/18/25	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	01/18/25	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	01/18/25	KCA	5	
Acetone	5.21	*2.11*	12.4	*5.01*	01/18/25	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	01/18/25	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	01/18/25	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	01/18/25	KCA	5	

Project ID: 86 CLEVELAND AVE
Client ID: DUPLICATE

Phoenix I.D.: CS48017

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	01/18/25	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	01/18/25	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	01/18/25	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	01/18/25	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	01/18/25	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	01/18/25	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	01/18/25	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	01/18/25	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	01/18/25	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/18/25	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/18/25	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	01/18/25	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	01/18/25	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	01/18/25	KCA	5	
Ethanol	7.34	*2.66*	13.8	*5.01*	01/18/25	KCA	5	1
Ethyl acetate	91.8	*1.39*	331	*5.01*	01/18/25	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	01/18/25	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	01/18/25	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	01/18/25	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	01/18/25	KCA	5	
Isooctane	ND	*1.07*	ND	*4.99*	01/18/25	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	01/18/25	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	01/18/25	KCA	5	
m,p-Xylene	ND	*1.15*	ND	*4.99*	01/18/25	KCA	5	
Methyl Ethyl Ketone	104	*1.70*	307	*5.01*	01/18/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	01/18/25	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	01/18/25	KCA	5	
Naphthalene	ND	*1.00*	ND	*5.23*	01/18/25	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	01/18/25	KCA	5	1
o-Xylene	ND	*1.15*	ND	*4.99*	01/18/25	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	01/18/25	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	01/18/25	KCA	5	1
Styrene	ND	*1.17*	ND	*4.98*	01/18/25	KCA	5	
Tetrachloroethene	ND	*0.184*	ND	*1.25*	01/18/25	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	01/18/25	KCA	5	1
Toluene	51.0	*1.33*	192	*5.01*	01/18/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	01/18/25	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	01/18/25	KCA	5	
Trichloroethene	ND	*0.185*	ND	*0.99*	01/18/25	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	01/18/25	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	01/18/25	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	01/18/25	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	01/17/25	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	01/17/25	KCA	1	
% IS-Bromochloromethane	104	*%*	104	*%*	01/17/25	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	01/17/25	KCA	1	
% Bromofluorobenzene (5x)	102	*%*	102	*%*	01/18/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	96	*%*	96	*%*	01/18/25	KCA	5	

Project ID: 86 CLEVELAND AVE
Client ID: DUPLICATE

Phoenix I.D.: CS48017

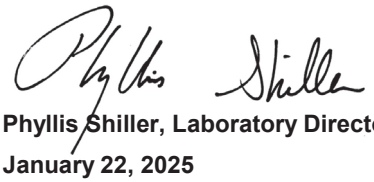
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (5x)	100	%	100	%	01/18/25	KCA	5
% IS-Chlorobenzene-d5 (5x)	95	%	95	%	01/18/25	KCA	5

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

January 22, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

NY # 11301

Analysis Report

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	NL	01/16/25	15:32
Location Code:	ENVIROTR	Received by:	B	01/17/25	18:06
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:					
Canister Id:	21341				

Laboratory Data

SDG ID: GCS48013
Phoenix ID: CS48018

Project ID: 86 CLEVELAND AVE
Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/18/25	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	01/18/25	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	01/18/25	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	01/18/25	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	01/18/25	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	01/18/25	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	01/18/25	KCA	1	
1,2,4-Trimethylbenzene	2.40	*0.204*	11.8	*1.00*	01/18/25	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	01/18/25	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/18/25	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	01/18/25	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	01/18/25	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	01/18/25	KCA	1	
1,3,5-Trimethylbenzene	0.554	*0.204*	2.72	*1.00*	01/18/25	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	01/18/25	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/18/25	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	01/18/25	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	01/18/25	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	01/18/25	KCA	1	1
4-Ethyltoluene	1.61	*0.204*	7.91	*1.00*	01/18/25	KCA	1	1
4-Isopropyltoluene	0.207	*0.182*	1.14	*1.00*	01/18/25	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	01/18/25	KCA	1	
Acetone	4.61	*0.421*	10.9	*1.00*	01/18/25	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	01/18/25	KCA	1	
Benzene	0.351	*0.313*	1.12	*1.00*	01/18/25	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	01/18/25	KCA	1	

Ver 2

Project ID: 86 CLEVELAND AVE
Client ID: IA-1

Phoenix I.D.: CS48018

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	01/18/25	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	01/18/25	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	01/18/25	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	01/18/25	KCA	1	
Carbon Tetrachloride	0.070	*0.032*	0.44	*0.20*	01/18/25	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	01/18/25	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	01/18/25	KCA	1	
Chloroform	0.280	*0.205*	1.37	*1.00*	01/18/25	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	01/18/25	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	01/18/25	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/18/25	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	01/18/25	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	01/18/25	KCA	1	
Dichlorodifluoromethane	0.426	*0.202*	2.11	*1.00*	01/18/25	KCA	1	
Ethanol	6.17	*0.531*	11.6	*1.00*	01/18/25	KCA	1	1
Ethyl acetate	92.2	*1.39*	332	*5.01*	01/18/25	KCA	5	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	01/18/25	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	01/18/25	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	01/18/25	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	01/18/25	KCA	1	
Isooctane	ND	*0.215*	ND	*1.00*	01/18/25	KCA	1	
Isopropylalcohol	0.560	*0.407*	1.38	*1.00*	01/18/25	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	01/18/25	KCA	1	
m,p-Xylene	0.773	*0.230*	3.35	*1.00*	01/18/25	KCA	1	
Methyl Ethyl Ketone	106	*1.70*	312	*5.01*	01/18/25	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	01/18/25	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	01/18/25	KCA	1	
Naphthalene	0.528	*0.200*	2.76	*1.05*	01/18/25	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	01/18/25	KCA	1	1
o-Xylene	0.990	*0.230*	4.30	*1.00*	01/18/25	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	01/18/25	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	01/18/25	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	01/18/25	KCA	1	
Tetrachloroethene	0.173	*0.037*	1.17	*0.25*	01/18/25	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	01/18/25	KCA	1	1
Toluene	52.2	*1.33*	197	*5.01*	01/18/25	KCA	5	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	01/18/25	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	01/18/25	KCA	1	
Trichloroethene	0.039	*0.037*	0.21	*0.20*	01/18/25	KCA	1	
Trichlorofluoromethane	0.194	*0.178*	1.09	*1.00*	01/18/25	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	01/18/25	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	01/18/25	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	01/18/25	KCA	1	
% IS-1,4-Difluorobenzene	98	*%*	98	*%*	01/18/25	KCA	1	
% IS-Bromochloromethane	103	*%*	103	*%*	01/18/25	KCA	1	
% IS-Chlorobenzene-d5	98	*%*	98	*%*	01/18/25	KCA	1	
% Bromofluorobenzene (5x)	100	*%*	100	*%*	01/18/25	KCA	5	
% IS-1,4-Difluorobenzene (5x)	94	*%*	94	*%*	01/18/25	KCA	5	

Project ID: 86 CLEVELAND AVE
Client ID: IA-1

Phoenix I.D.: CS48018

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% IS-Bromochloromethane (5x)	98	%	98	%	01/18/25	KCA	5
% IS-Chlorobenzene-d5 (5x)	95	%	95	%	01/18/25	KCA	5

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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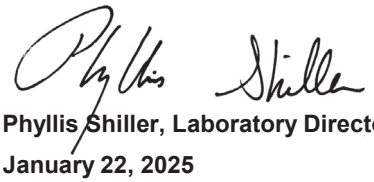


Phyllis Shiller, Laboratory Director

January 22, 2025

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

January 22, 2025

FOR: Attn: Tracy Garthwaite
EnviroTrac
5 Old Dock Rd
Yaphank, NY 11980

Location Code: ENVIROTR

SDG I.D.: GCS48013

Project ID: 86 CLEVELAND AVE

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-4	CS48013	235	6.0L	10705	01/07/25	-30	-7	10.8	10.9	0.9	-29	-8	01/16/25 08:35	01/16/25 15:35
OA-1	CS48014	16009	6.0L	3968	01/07/25	-30	-5	11.5	11.8	2.6	-30	-7	01/16/25 08:41	01/16/25 15:36
IA-3	CS48015	49210	6.0L	3964	01/07/25	-30	-6	11.5	11.6	0.9	-29.5	-7	01/16/25 08:28	01/16/25 15:31
IA-2	CS48016	4630	6.0L	10653	01/07/25	-30	-3	10.6	10.6	0.0	-29.5	-4	01/16/25 08:31	01/16/25 15:30
DUPLICATE	CS48017	13642	6.0L	2985	01/07/25	-30	-5	22.3	23.9	6.9	-30	-6.5	01/16/25 08:24	01/16/25 15:32
IA-1	CS48018	21341	6.0L	2985	01/07/25	-30	-5	22.3	23.9	6.9	-30	-6.5	01/16/25 08:24	01/16/25 15:32

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 22, 2025

QA/QC Data

SDG I.D.: GCS48013

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 767145 (ppbv), QC Sample No: CS48013 (CS48013, CS48014, CS48015, CS48016, CS48017 (1X, 5X) , CS48018 (1X, 5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	96	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	86	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	86	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	92	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	98	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	93	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	82	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	92	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
2,2,4-Trimethylpentane	ND	0.210	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	99	ND	ND	ND	ND	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	95	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	100	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	86	13.1	12.7	5.51	5.34	3.1	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	87	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	85	1.22	1.22	0.381	0.383	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	89	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	82	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	99	0.43	0.42	0.068	0.067	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	93	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	89	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	88	1.10	1.02	0.534	0.492	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	81	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCS48013

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	0.200	ND	0.99	99	2.21	2.15	0.448	0.436	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	128	28.2	28.2	15.0	15.0	0.0	70 - 130	25
Ethyl acetate	ND	0.280	ND	1.01	107	3.25	3.39	0.902	0.940	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25
Heptane	ND	0.240	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	95	1.26	1.10	0.358	0.312	NC	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	87	2.63	2.55	1.07	1.04	NC	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	101	2.64	2.64	0.608	0.609	NC	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	96	3.86	3.68	1.31	1.25	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	96	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	91	ND	ND	ND	ND	NC	70 - 130	25
Naphthalene	ND	0.200	ND	1.05	96	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Propylene	ND	0.580	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	96	0.62	0.60	0.091	0.089	NC	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	102	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	92	9.6	9.9	2.54	2.62	3.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	95	0.21	0.21	0.040	0.040	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	93	1.11	1.11	0.197	0.198	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	89	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	98	%	98	%	97	101	99	101	99	NC	70 - 130	25
% IS-1,4-Difluorobenzene	100	%	100	%	109	99	97	99	97	NC	60 - 140	25
% IS-Bromochloromethane	104	%	104	%	108	101	102	101	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	115	100	101	100	101	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference
(ISO) - Isotope Dilution

Phyllis Shiller, Laboratory Director
January 22, 2025

Wednesday, January 22, 2025

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCS48013 - ENVIROTR

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 22, 2025 SDG I.D.: GCS48013

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
ENVIROTR

860-645-1102
email: greg@phoenixlabs.com

P.O. #

Data Delivery:
☐ Fax #:
☒ Email: tracyg@envirotrac.com
☐ Phone #:

Report to:	Tracy Garthwaite	Project Name:	86 Cleveland Ave	Data Format: (Circle) Equis Excel Other:	
Customer:	EnviroTrac	Invoice to:	NYinvoices@envirotrac.com	Requested Deliverable: RCP ASP CAT B	
Address:	5 Old Dock Rd			MCP NJ Deliverables	
16699	Yaphank, NY 11980	Sampled by:	M	Quote Number:	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure (" Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End (" Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
48013	IA-4	235	6.0L	-30	-7	10705	10.8	08:35	15:35	1/16/25	-29.0	-8	X			X	
48014	OA-1	16009	6.0L	-30	-5	3968	11.5	08:41	15:36		-30.0	-7					
48015	IA-3	49210	6.0L	-30	-6	3964	11.5	08:28	15:37		-29.5	-7					
	~~IA-5~~	~~483~~	~~6.0L~~	~~-30~~		~~10652~~	~~11.5~~										
	~~IA-6~~	~~240~~	~~6.0L~~	~~-30~~		~~3998~~	~~10.8~~										
48016	IA-2	4630	6.0L	-30	-3	10653	10.6	08:31	15:30		-29.5	-4					
48017	Duplicate	13642	6.0L	-30	-5	2985	22.3	08:24	15:32		-30.0	-6.5					
48018	IA-1	21341	6.0L	-30	-5	2985	22.3	08:24	15:32		-30.0	-6.5					

Relinquished by:	Accepted by:	Date:	Time:	
		1/16/2025	17:00	I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:
		1/17/25	0930	Signature: Date: 1/9/25

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:
(7) - 6.0L 8 hr
EDDs + ⊗ Returned to PEL Unused (BH)
NYSDEC CatB
Emily A 1/17/25 1806

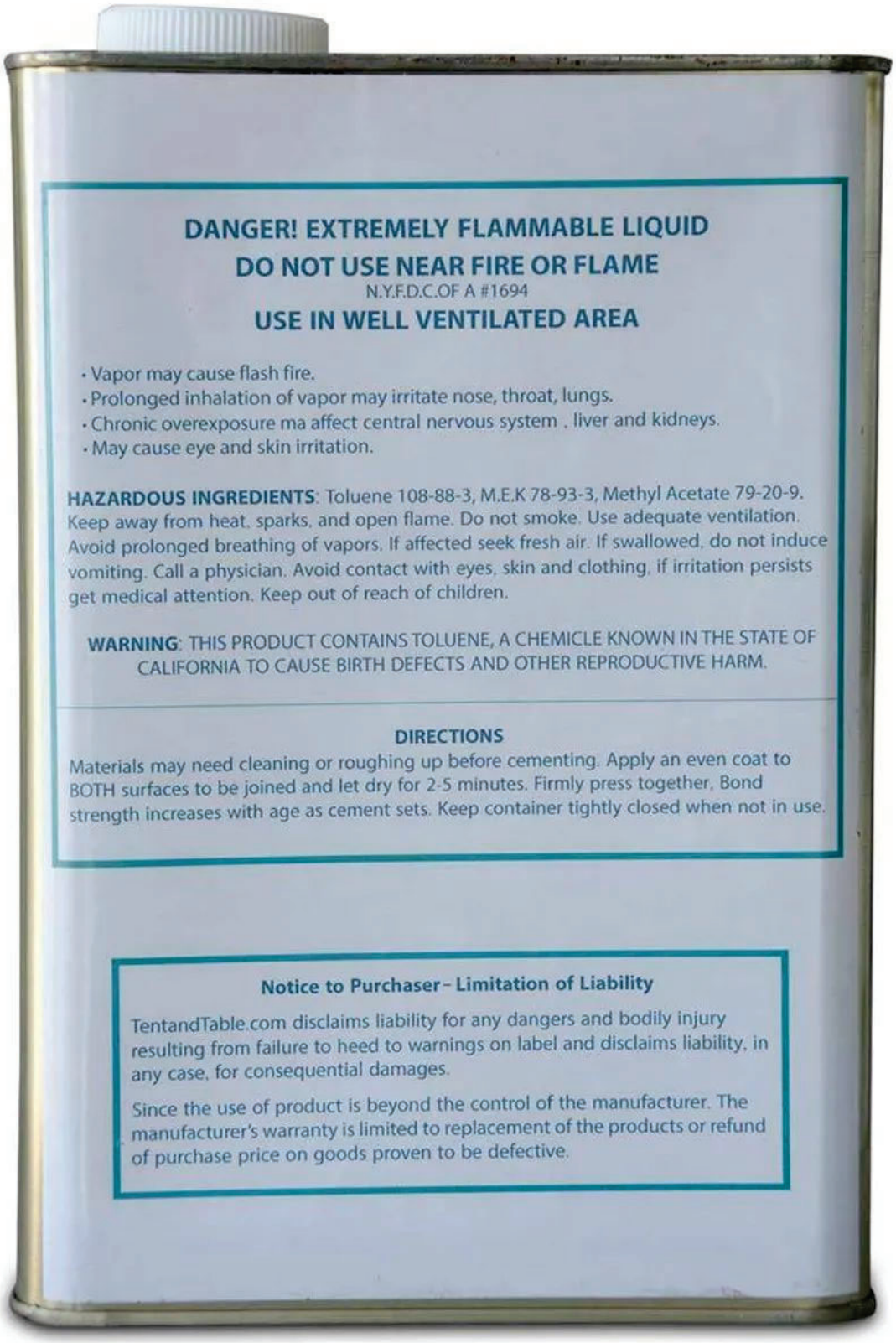
Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C TAC RES SVVC I/C SVVC RES GWV I/C GWV CES	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial **Soil Gas:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial **Sub-slab** Residential Industrial

APPENDIX E

Safety Data Sheets



DANGER! EXTREMELY FLAMMABLE LIQUID

DO NOT USE NEAR FIRE OR FLAME

N.Y.F.D.C.OF A #1694

USE IN WELL VENTILATED AREA

- Vapor may cause flash fire.
- Prolonged inhalation of vapor may irritate nose, throat, lungs.
- Chronic overexposure ma affect central nervous system , liver and kidneys.
- May cause eye and skin irritation.

HAZARDOUS INGREDIENTS: Toluene 108-88-3, M.E.K 78-93-3, Methyl Acetate 79-20-9. Keep away from heat, sparks, and open flame. Do not smoke. Use adequate ventilation. Avoid prolonged breathing of vapors. If affected seek fresh air. If swallowed, do not induce vomiting. Call a physician. Avoid contact with eyes, skin and clothing, if irritation persists get medical attention. Keep out of reach of children.

WARNING: THIS PRODUCT CONTAINS TOLUENE, A CHEMICLE KNOWN IN THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

DIRECTIONS

Materials may need cleaning or roughing up before cementing. Apply an even coat to BOTH surfaces to be joined and let dry for 2-5 minutes. Firmly press together. Bond strength increases with age as cement sets. Keep container tightly closed when not in use.

Notice to Purchaser– Limitation of Liability

TentandTable.com disclaims liability for any dangers and bodily injury resulting from failure to heed to warnings on label and disclaims liability, in any case, for consequential damages.

Since the use of product is beyond the control of the manufacturer. The manufacturer's warranty is limited to replacement of the products or refund of purchase price on goods proven to be defective.

DATE OF LAST CHANGE: 04/26/05

DATE PRINTED.....: 04/19/06

MANUFACTURER'S NAME:

NAZDAR CHICAGO
1087 N. NORTH BRANCH ST.
CHICAGO
IL 60622 4292 USA

EMERGENCY TELEPHONE #: (800)424-9300
(U.S. and Canada)
EMERGENCY TELEPHONE #: (703)527-3887
(Outside U.S. and Canada, collect calls are accepted)
INFORMATION TELEPHONE #: (800)736-7636

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CODE: VFNL

TRADE NAME...: VF SERIES FLAT VINYL SCREEN INK

PRODUCT CLASS: SCREEN INK

INK SERIES...:

- H M I S C O D E S -
HEALTH - 2*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

-------Item Description-------	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF106 CARMINE RED	9.2	624	5.2	72
VF112 WHITE	11.8	625	5.2	67
VF121 NON ARCING BLACK	10.2	630	5.3	68
VF152 LIGHT BLUE	10.4	645	5.4	69
VF159 PERMANENT BLUE	9.3	673	5.6	73
VF164 CERISE	10.4	623	5.2	67
VF175 EXTENDER	11.2	607	5.1	66
VF411 WARM RED	9.2	667	5.6	72
VF422 REFLEX BLUE	10.0	631	5.3	68
VF440 PROCESS BLUE	9.6	682	5.7	73
VFLF 104 BRIGHT RED	9.4	642	5.4	69
VFLF 130 PRIMROSE YELLOW	9.9	638	5.3	69
VFLF 134 MEDIUM YELLOW	9.7	630	5.3	68

-------Item Description- ------	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF111 BLACK	9.0	694	5.8	75
VF114 BROWN	10.4	664	5.5	71
VF122 OPAQUE WHITE	13.2	594	5.0	64
VF156 BRILLIANT ULTRA BLUE	10.5	607	5.1	65
VF162 PURPLE	9.9	656	5.5	70
VF170 CLEAR	8.9	713	5.9	77
VF410 YELLOW	9.4	667	5.6	72
VF417 RUBINE RED	9.4	667	5.6	72
VF433 PURPLE	9.7	657	5.5	71
VFLF 103 BRILLIANT RED	9.6	624	5.2	67
VFLF 124 ORANGE	9.7	640	5.3	69
VFLF 132 LEMON YELLOW	9.8	631	5.3	68
VFLF 146 CYANINE GREEN	9.7	659	5.5	71

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS -------ACGIH------- TLV	-------OSHA-------- PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	18-37	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
RESIN MIXTURES; CAS #: NOT AVAILABLE	10-21	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	
PIGMENTS; MIXTURE; CAS #: NOT AVAILABLE	3-32	10 mg/m3	15 mg/m3 Total dust	N/A	(2)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	5-13	50 ppm	50 ppm	1.0 @ 20C	
CYCLOHEXANONE; PIMELIC KETONE; CAS #: 108-94-1	4-9	20 ppm Skin STEL: 50ppm	25 ppm Skin	2.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	4-9	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	2-5	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(3)
* 1,2,4-TRIMETHYLBENZENE; PSEUDOCUMENE; CAS #: 95-63-6	< 3	25 ppm	25 ppm	<1 @ 20C	(4)
TITANIUM DIOXIDE; CAS #: 13463-67-7	0-39	10 mg/m3	10 mg/m3	N/A	

CALCIUM CARBONATE; CAS #: See note	0-32	10 mg/m3 Total dust	15 mg/m3 Total dust	N/A	(5)
CRYSTALLINE SILICA; CRISTOBALITE; CAS #: 14464-46-1	0-7	.050 mg/m3 Respirable dust	.50 mg/m3 Respirable dust	N/A	
* MANGANESE COMPOUNDS; CAS #: 7439-96-5	0-6	.200 mg/m3	NOT ESTABLISHED Ceiling 5 mg/m3	N/A	(6)
CARBON BLACK; PIGMENT BLACK; CAS #: 1333-86-4	0-6	3.500 mg/m3	35.00 mg/m3	N/A	
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-95-6	0-5	NOT ESTABLISHED	NOT ESTABLISHED	3.0 @ 20C	

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) The above ACGIH TLV exposure limit of 10 mg/m3 is for inhalable fraction. See Section 8 Exposure Controls, Personal Protection - Exposure Guidelines for more information on exposure limits.
3) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
4) The above ACGIH exposure limit is for Trimethylbenzene isomers CAS# 25551-13-7.
5) This applies to CAS#s 1317-65-3 and 471-34-1.
6) Exposure limits are for elemental and inorganic compounds.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Manganese Compounds). However, emissions of this chemical are not expected when using this product as intended.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and reversible eye damage.

SKIN

Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. This material may be absorbed through the skin. Toxic if absorbed through the skin. Repeated or prolonged overexposure may cause burns to the skin.

INHALATION

Repeated and prolonged overexposure by inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION

Ingestion may cause gastrointestinal tract irritation. Symptoms may include abdominal pain, nausea, diarrhea and nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Crystalline silica is classified as carcinogenic to humans by IARC (Group 1). Excessive exposure to crystalline silica is also a known cause of silicosis, a noncancerous lung disease. Overexposure should not occur during normal use. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists.

ANIMAL STUDIES

Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. Cyclohexanone has caused liver and kidney damage in animal tests. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE
Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
125 Degrees - 130 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES
Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS
Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep

containers closed when not in use. Smoke in designated areas only. Avoid prolonged or repeated overexposure to this product. Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION

Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION

Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES

See Section 2 "Composition, Information on Ingredients" for occupational exposure limits. Excessive concentrations of nuisance dusts or particulates not otherwise classified (PNOC) or regulated (PNOR) may reduce visibility and cause unpleasant deposits in the eyes, ears, and nasal passages. The TLV and PEL has been established for all non-toxic "nuisance dusts" that are not otherwise classified and refers to both organic and inorganic dusts. Exposure or generation of these dusts is not anticipated during normal printing operations. The use of dry pigments and powders, grinding or sanding of printed products may generate quantities of these particulates. Refer to Section 2 Composition, Information on Ingredients for exposure limits.

HYGIENIC PRACTICES

Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS

Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION

No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:

Viscous liquid

ODOR:

Characteristic

PHYSICAL STATE:

Liquid

pH

Not applicable

VAPOR PRESSURE

See Section 2 for individual ingredients.

VAPOR DENSITY

Heavier than air

BOILING POINT

Greater than 300 degrees Fahrenheit

FREEZING POINT

Not available

SOLUBILITY IN WATER

Not tested

EVAPORATION RATE
Slower than ether

VISCOSITY
Greater than water

PERCENT VOLATILE BY VOLUME: SEE SECTION ONE

WEIGHT PER GALLON: SEE SECTION ONE

VOC: SEE SECTION ONE

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on cyclohexanone has given the following results: Oral LD50 Rat; 1620 mg/kg: Dermal LD50 Rabbit; 1000 mg/kg: Inhalation TCLO Human; 75 ppm. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg. Experimental toxicity data on petroleum distillate CAS# 64742-95-6 has given the following results: Oral LD50 Rat; 4700 mg/kg: Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3670 ppm 4 hours.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION

DOT Proper Shipping Description: Printing Ink, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D1B _ Material causing immediate and serious toxic effects, toxic material; D2A _ Materials causing other toxic effects, very toxic material; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

DATE OF LAST CHANGE: 04/26/05

DATE PRINTED.....: 04/19/06

MANUFACTURER'S NAME:

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SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CODE: VFPB

TRADE NAME...: VF SERIES FLAT VINYL SCREEN INK

PRODUCT CLASS: SCREEN INK (LEADED)

INK SERIES...:

- HMIS CODES -
HEALTH - 2*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

Item Description	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF103 BRILLIANT RED	10.4	653	5.4	70
VF105 CADMIUM RED	10.4	659	5.5	71
VF130 PRIMROSE YELLOW	11.8	658	5.5	71
VF134 CHROME YELLOW	11.9	643	5.4	69
VF148 DARK GREEN	9.8	691	5.8	75

Item Description	WT lb/gal	VOC g/L	VOC lb/gal	% VOC volume
VF104 BRIGHT RED	9.9	667	5.6	72
VF124 ORANGE	11.7	649	5.4	70
VF132 LEMON YELLOW	11.9	665	5.5	71
VF146 CYANINE GREEN	10.2	664	5.5	71
	.0	0	.0	0

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS -ACGIH- TLV	OCCUPATIONAL EXPOSURE LIMITS -OSHA- PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	24-35	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
RESIN MIXTURES; CAS #: NOT AVAILABLE	12-18	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	
PIGMENTS; MIXTURE; CAS #: NOT AVAILABLE	6-18	10 mg/m3	15 mg/m3 Total dust	N/A	(2)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	5-10	50 ppm	50 ppm	1.0 @ 20C	
CYCLOHEXANONE; PIMELIC KETONE; CAS #: 108-94-1	5-10	20 ppm Skin STEL: 50ppm	25 ppm Skin	2.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	5-10	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	< 4	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(3)
CRYSTALLINE SILICA; CRISTOBALITE; CAS #: 14464-46-1	< 3	.050 mg/m3 Respirable dust	.50 mg/m3 Respirable dust	N/A	
* LEAD SULFOCHROMATE; PIGMENT; CAS #: 1344-37-2	0-31	0.05 mg/m3 Pb 0.01 mg/m3 CrVI	0.05 mg/m3 Pb 0.10 mg/m3 CrVI* *Ceiling Value	N/A	(4)
* LEAD CHROMATE/MOLYBDATE; PIGMENT; CAS #: 12656-85-8	0-27	0.05 mg/m3 Pb 0.01 mg/m3 CrVI	0.05 mg/m3 Pb 0.10 mg/m3 CrVI* *Ceiling Value	N/A	(5)
* MANGANESE COMPOUNDS; CAS #: 7439-96-5	0-2	.200 mg/m3	NOT ESTABLISHED Ceiling 5 mg/m3	N/A	(6)

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) The above ACGIH TLV exposure limit of 10 mg/m3 is for inhalable fraction. See Section 8 Exposure Controls, Personal Protection - Exposure Guidelines for more information on exposure limits.
3) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
4) Exposure limits are for inorganic lead dusts and fumes and chromium metal respectively.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Lead Compounds and Chromium Compounds). However, emissions of this chemical are not expected when using this product as intended.
5) Exposure limits are for inorganic lead dusts and fumes and chromium metal respectively. Molybdate (insoluble compounds, as Mo) has a vacated PEL TWA of 10 mg/m3.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Lead Compounds and Chromium Compounds). However, emissions of this chemical are not expected when using this product as intended.
6) Exposure limits are for elemental and inorganic compounds.
This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990 (Manganese Compounds). However, emissions of this chemical are not expected when using this product as intended.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and reversible eye damage.

SKIN

Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. This material may be absorbed through the skin. Toxic if absorbed through the skin. Repeated or prolonged overexposure may cause burns to the skin.

INHALATION

Repeated and prolonged overexposure by inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION

Ingestion may cause gastrointestinal tract irritation. Symptoms may include abdominal pain, nausea, diarrhea and nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS

Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. "Lead compounds and inorganic lead" is classified as a (Group 2B) carcinogen by IARC. Repeated and prolonged overexposure to lead by ingestion may cause a metallic taste in the mouth, nausea, digestive disorders, abdominal cramps and insomnia as well as blood, nervous, urinary and reproductive disorders and birth defects. Lead exposure is not normally expected when using this product as intended. "Chromium and certain chromium compounds" is included in the NTP and IARC lists of carcinogens. Crystalline silica is classified as carcinogenic to humans by IARC (Group 1). Excessive exposure to crystalline silica is also a known cause of silicosis, a noncancerous lung disease. Overexposure should not occur during normal use. Risk of cancer depends on duration and level of exposure to dust generated from sanding surfaces or spray mists.

ANIMAL STUDIES

Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. Cyclohexanone has caused liver and kidney damage in animal tests. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE

Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
125 Degrees - 130 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES
Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS
Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep containers closed when not in use. Smoke in designated areas only. Avoid prolonged or repeated overexposure to this product. Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION
Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION
Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES
See Section 2 "Composition, Information on Ingredients" for occupational exposure limits. Excessive concentrations of nuisance dusts or particulates not otherwise classified (PNOC) or regulated (PNOR) may reduce visibility and cause unpleasant deposits in the eyes, ears, and nasal passages. The TLV and PEL has been established for all non-toxic "nuisance dusts" that are not otherwise classified and refers to both organic and inorganic dusts. Exposure or generation of these dusts is not anticipated during normal printing operations. The use of dry pigments and powders, grinding or sanding of printed products may generate quantities of these particulates. Refer to Section 2 Composition, Information on Ingredients for exposure limits.

HYGIENIC PRACTICES
Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS
Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION
No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:
Viscous liquid

ODOR:
Characteristic

PHYSICAL STATE:
Liquid

pH
Not applicable

VAPOR PRESSURE
See Section 2 for individual ingredients.

VAPOR DENSITY
Heavier than air

BOILING POINT
Greater than 300 degrees Fahrenheit

FREEZING POINT
Not available

SOLUBILITY IN WATER
Not tested

EVAPORATION RATE
Slower than ether

VISCOSITY
Greater than water

PERCENT VOLATILE BY VOLUME: SEE SECTION ONE

WEIGHT PER GALLON: SEE SECTION ONE

VOC: SEE SECTION ONE

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on cyclohexanone has given the following results: Oral LD50 Rat; 1620 mg/kg: Dermal LD50 Rabbit; 1000 mg/kg: Inhalation TCLO Human; 75 ppm. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION
DOT Proper Shipping Description: Printing Ink, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D1B _ Material causing immediate and serious toxic effects, toxic material; D2A _ Materials causing other toxic effects, very toxic material; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

DATE OF LAST CHANGE: 04/21/05

DATE PRINTED.....: 04/19/06

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(Outside U.S. and Canada, collect calls are accepted)
INFORMATION TELEPHONE #: (800)736-7636

SECTION 1 -- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT CODE.: VF190

TRADE NAME...: THINNER

PRODUCT CLASS: SCREEN PRINTING RELATED MATERIAL

INK SERIES...:

- H M I S C O D E S -
HEALTH - 3*
FLAMMABILITY - 2
REACTIVITY - 0
PPE - X

SECTION 2 -- COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME; COMMON NAME; CAS NUMBER	PERCENT BY WEIGHT	OCCUPATIONAL EXPOSURE LIMITS ACGIH TLV	OCCUPATIONAL EXPOSURE LIMITS OSHA PEL	VAPOR PRESSURE IN mmHg	NOTES
PETROLEUM DISTILLATE; AROMATIC HYDROCARBON; CAS #: 64742-94-5	40-45	NOT ESTABLISHED	NOT ESTABLISHED	<1 @ 20C	(1)
DIACETONE ALCOHOL; 4-HYDROXY-4-METHYL-2-PENTANONE; CAS #: 123-42-2	30-35	50 ppm	50 ppm	1.0 @ 20C	
GAMMA-BUTYROLACTONE; DIHYDRO-2(3H)-FURANONE; CAS #: 96-48-0	15-20	NOT ESTABLISHED	NOT ESTABLISHED	1.5 @ 20C	
* NAPHTHALENE; PETROLEUM DISTILLATE; CAS #: 91-20-3	< 6	10 ppm STEL: 15 ppm	10 ppm STEL: 15 ppm	<1 @ 20C	(2)
* 1,2,4-TRIMETHYLBENZENE; PSEUDOCUMENE; CAS #: 95-63-6	< 2	25 ppm	25 ppm	<1 @ 20C	(3)

* SUBJECT TO REPORTING REQUIREMENT OF SECTION 313 OF TITLE III OF SARA (40 CFR PART 372).

1) Industry recommended exposure limit of 100 ppm.
2) This chemical is included on the list of Hazardous Air Pollutants (HAPs) from Title III of the Clean Air Act Amendments of 1990.
3) The above ACGIH exposure limit is for Trimethylbenzene isomers CAS# 25551-13-7.

The recommended permissible exposure limits (PEL) indicated above reflect the levels adopted by OSHA in 1989. Although, some of the 1989 levels have since been vacated, the Nazdar Company recommends that the lower exposure levels be observed as reasonable worker protection.

SECTION 3 -- HAZARDS IDENTIFICATION

GENERAL HEALTH EFFECTS

THE FOLLOWING INFORMATION HAS BEEN DEVELOPED BASED UPON USING THE PRODUCT AS INTENDED BY THE MANUFACTURER. The potential health effects of this product are based on the hazards of its components. The use of this product in combination with other products may produce synergistic (additive) health effects. Cautionary labeling and material safety data sheets of all materials used with this product should be reviewed before use.

EYES

Eye contact with liquid, vapors or mists may cause moderate to severe irritation, including burning, tearing, redness or swelling and eye damage.

SKIN

Skin contact may cause irritation. Repeated or prolonged overexposure may cause skin irritation or dermatitis. Symptoms may include dryness, chapping and redness. Skin absorption is possible but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

INHALATION
Inhalation may cause respiratory tract irritation. Symptoms may include central nervous system disorders such as headaches, dizziness, weakness and fatigue.

INGESTION
Ingestion may cause gastrointestinal tract irritation. Symptoms may include nervous system depression including drowsiness or unconsciousness. Ingestion may cause vomiting. Aspiration of material into lungs may cause chemical pneumonitis which can be fatal.

CHRONIC EFFECTS/TARGET ORGANS
Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

ANIMAL STUDIES
Diacetone alcohol has been found to cause kidney and liver injury and blood disorders in lab animals. For animal studies, reference TSCA Section 4 Test Rule Results or contact the manufacturer for further details.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Pregnant women and persons with pre-existing health disorders should consult their physician before using this product. Repeated and prolonged overexposure and/or individual sensitivity may increase the potential for and degree of adverse health effects. See Section 3 "Hazards Identification" for effects of certain hazardous ingredients.

ROUTES OF EXPOSURE
Primary exposure routes: Inhalation-Dermal (Contact/Absorption)-Ingestion

SECTION 4 -- FIRST AID MEASURES

EYES
After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. If irritation persists have eyes examined and tested by medical personnel.

SKIN
In case of contact, immediately wash skin with a mild soap and plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Cool water is initially suggested to prevent the pores of the skin from opening. This will minimize both the area and time of skin contact. Lukewarm water may then be used to ensure all contaminants are removed. Skin should be monitored for reddening or chemical burns. Mild soap is suggested to help prevent abrading the skin or rubbing the chemicals into pores during cleansing. Get medical attention if irritation persists or significant contact has occurred. Thoroughly wash (or discard) clothing and shoes before reuse.

INHALATION
Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention if breathing difficulty is experienced.

INGESTION
If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

OTHER COMMENTS
No Data Available

SECTION 5 -- FIRE FIGHTING MEASURES

FLASH POINT
135 Degrees Fahrenheit (SETA Flash)

OSHA FLAMMABILITY CLASSIFICATION (NFPA)
Class II Combustible Liquid

LEL - LOWER EXPLOSIVE LIMIT / UEL - UPPER EXPLOSIVE LIMIT
1.0% volume in air / No Data Available

EXTINGUISHING MEDIA
Foam-CO2-Dry Chemical-Water Spray

FIRE AND EXPLOSION HAZARDS
Isolate from heat, electrical equipment, sparks, and open flame. Keep containers tightly closed. Vapors may be heavier than air and can travel to a source of ignition then flash back. Closed containers may explode when exposed to extreme heat.

FIRE FIGHTING EQUIPMENT
Full protective equipment including self-contained breathing apparatus (SCBA) is recommended to protect firefighters.

SPECIAL FIRE FIGHTING PROCEDURES
Water may be ineffective but may be used to cool containers. Fumes released on burning may be toxic and dangerous.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

RELEASE MANAGEMENT MEASURES

Remove all sources of ignition (flames, hot surfaces and electrical, static or frictional sparks). Avoid contact or breathing vapors. Ventilate area. Contain release and remove with inert absorbent. Use non-sparking tools to place material in appropriate container for disposal. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. The National Response Center (800-424-8802) and local authorities should be contacted for any reportable spill/release.

SECTION 7 -- HANDLING AND STORAGE

HANDLING AND STORAGE METHODS

Use in a well ventilated area. Follow all MSDS/label precautions even after container is emptied; container may retain product residues. Store in closed containers in cool, dry, well ventilated area away from sources of ignition. Keep containers closed when not in use. Smoke in designated areas only. Avoid prolonged or repeated overexposure to this product. Keep out of reach of children. Follow label directions carefully. Do not take internally. Harmful or fatal if swallowed.

SECTION 8 -- EXPOSURE CONTROLS, PERSONAL PROTECTION

RESPIRATORY PROTECTION

If concentrations of hazardous ingredients exceed exposure limits listed in Section 2 an appropriate NIOSH (National Institute for Occupational Safety and Health) approved respirator with an organic vapor cartridge should be used. If material is handled under mist, spray or dust forming conditions, a P100 (99.97% efficiency) filter should be used in addition to the organic vapor cartridge. Protection provided by air-purifying respirators is limited. If no exposure limits are listed in Section 2, follow general safety guidelines in 29 CFR 1910.134 Respiratory Protection or other applicable respiratory standard.

SKIN PROTECTION

Use neoprene, nitrile or other gloves resistant to chemicals listed in Section 2. Contact a reputable safety supply company for appropriate gloves. Solvent resistant aprons are recommended. Prevent prolonged skin contact with contaminated clothing.

EYE PROTECTION

Use ANSI (American National Standards Institute) approved safety glasses, faceshield or splash proof goggles to prevent eye contact. Contact a reputable safety supply company for appropriate eye protection. The availability of an eye wash is highly recommended.

EXPOSURE GUIDELINES

See Section 2 "Composition, Information on Ingredients" for occupational exposure limits.

HYGIENIC PRACTICES

Wash with soap and water before eating, smoking or using toilet facilities. Separately wash or discard clothing and footwear before reuse. NEVER try to remove product from the skin by using solvent or thinner. Such action is likely to increase the possibility of undesirable effects. Remove contaminated clothing to prevent prolonged skin contact.

ENGINEERING CONTROLS

Use applicable engineering controls, work practices and personal protective equipment to ensure all concentrations are kept below the exposure limits listed in Section 2. Adequate controls should be implemented to ensure employee safety from fine mists which may be produced under some printing conditions.

OTHER PROTECTION

No Data Available

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

**

APPEARANCE:

Thin liquid

ODOR:

Characteristic

PHYSICAL STATE:

Liquid

pH

Not applicable

VAPOR PRESSURE

See Section 2 for individual ingredients.

VAPOR DENSITY

Heavier than air

BOILING POINT
Greater than 300 degrees Fahrenheit

FREEZING POINT
Not available

SOLUBILITY IN WATER
Not tested

EVAPORATION RATE
Slower than ether

PERCENT VOLATILE BY VOLUME: 100.00 %

WEIGHT PER GALLON: 7.86 lbs/gal

VOC: 942.82 g/L
7.86 lb/gal

PHOTOCHEMICALLY REACTIVE
Yes

Percent volatile = Percent VOC

SECTION 10 -- STABILITY AND REACTIVITY

CHEMICAL STABILITY
Stable

CONDITIONS TO AVOID
Avoid excessive heat, ignition sources, sparks and open flame.

INCOMPATIBILITY WITH OTHER MATERIALS
Strong acids/bases, oxidizing/reducing agents and reactive chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS
May produce hazardous fumes when heated to decomposition e.g. carbon monoxide, carbon dioxide and other noxious gases.

HAZARDOUS POLYMERIZATION
Not anticipated during normal printing and storage conditions.

SECTION 11 -- TOXICOLOGICAL INFORMATION

EXPERIMENTAL TOXICITY DATA
Refer to Section 3 Hazards Identification for additional toxicological data. Experimental toxicity data on petroleum distillate CAS# 64742-94-5 has given the following results: Oral LD50 Rat; 10 ml/kg; Dermal LD50 Rabbit 4 ml/kg: Inhalation LC50 Rat; 3800 mg/m3 4 hours. Experimental toxicity data on diacetone alcohol has given the following results: Intraperitoneal LD50 Mouse; 933 mg/kg. Oral LD50 Rat; 4 g/kg: Dermal LD50 Rabbit; 13.6 g/kg. Experimental toxicity data on gamma butyrolactone has given the following results: Oral LD50 Rat; 1.8 g/kg.

SECTION 12 -- ECOLOGICAL INFORMATION

ECOTOXICITY
Because this product may be a mixture of chemicals, some of which may be ecologically toxic, it is strongly suggested that it not be disposed of into the environment, i.e. soil, water courses, lakes, landfills, sewers, etc.

ENVIRONMENTAL FATE
No Data Available

SECTION 13 -- DISPOSAL CONSIDERATIONS

DISPOSAL METHODS
This product is considered hazardous for disposal purposes by the U.S. Environmental Protection Agency Resource Conservation and Recovery Act (RCRA). Contact Nazdar's Regulatory Compliance Department or refer to the regulations located in 40 CFR Part 261 for additional waste disposal information, including appropriate hazardous waste codes. It is the responsibility of the user to determine if local, county, state, or provincial regulations may also apply to the disposal of this product and/or container. Empty containers may retain hazardous properties and should be disposed of in an environmentally safe manner in accordance with applicable regulations.

SECTION 14 -- TRANSPORT INFORMATION

TRANSPORT INFORMATION

DOT Proper Shipping Description: Printing Ink Related Material, 3, UN1210, PG III. In the U.S. and Canada, this material may be reclassified as a combustible liquid and is not regulated, via surface transportation, in containers less than 119 gallons or 450 liters [per 49 CFR 173.150(f)] [per Transportation of Dangerous Goods Regulations/Clear Language Part 1.33]. Questions concerning transportation requirements should be directed to Nazdar's Regulatory Compliance Department 913-422-1735.

SECTION 15 -- REGULATORY INFORMATION

SARA TITLE III 313 INFORMATION

See Section 2 "Composition, Information on Ingredients" for applicable chemicals.

TOXIC SUBSTANCES CONTROL ACT STATUS

All ingredients in Section 2 are listed on the U.S. Environmental Protection Agency's Toxic Substances Control Act (TSCA) Inventory and the Canadian Domestic Substance List.

OTHER REGULATORY INFORMATION

OCCUPATIONAL SAFETY and HEALTH ADMINISTRATION (OSHA) - MSDS is compliant with Occupational Safety and Health Administration Hazard Communication Standard - 29 CFR 1910.1200. AMERICAN NATIONAL STANDARDS INSTITUTE - This MSDS follows the ANSI Z400.1-1998 format. WORKPLACE HAZARDOUS MATERIAL INFORMATION SYSTEM (WHMIS) - This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS CLASSIFICATION (CANADA):

B3 _ Combustible Liquids; D2B _ Materials causing other toxic effects, toxic material;

SECTION 16 -- OTHER INFORMATION

DISCLOSURE

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind express or implied is made with respect to the information contained herein. The data in this MSDS relates only to the specific material designated herein and does not apply to use in combination with any other material or process.

DEFINITIONS

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CEILING: (TLV-Ceiling and PEL Ceiling Limit) The ceiling exposure limit or concentration not to be exceeded for even brief times.

DOT: Department of Transportation

HMIS: The Hazardous Materials Identification System (HMIS) developed by the National Paint and Coatings Association (NPCA) to provide information on the acute health hazards, reactivity and flammability of products encountered in the workplace at room temperatures.

HMIS codes assigned for this product are only suggested ratings based on anticipated normal screen printing applications. The employer has the ultimate responsibility for assigning these ratings and should fully evaluate the MSDS, work practices and environmental conditions prior to assigning the appropriate ratings.

HMIS rating involves data interpretations that may vary from company to company.

HMIS Personal Protection Index of "X-Ask your supervisor" is given on this MSDS due to varying work conditions which may dictate different levels of protection. Please review this MSDS before determining appropriate protective equipment and beginning work.

IARC: International Agency for Research on Cancer

NFPA: National Fire Protection Association

NTP: National Toxicology Program

STEL: Short-Term Exposure Limit: ACGIH terminology for the short-term exposure limit or maximum concentration for a continuous exposure period of 15 minutes.

TLV: Threshold Limit Value. A term ACGIH uses to express the airborne concentration of a material to which most workers can be exposed during a normal daily and weekly work schedule without adverse effects.

TWA: Time-Weighted Average

VOC: Volatile Organic Compound

1. PRODUCT & COMPANY IDENTIFICATION

1.1	Product Name:	**HEAVY DUTY DEGREASER**
1.2	Chemical Name:	Sodium Metasilicate Solution
1.3	Synonyms:	P/N 42998
1.4	Trade Names:	Harbor Freight Tools
1.5	Product Uses & Restrictions:	Cleaner Degreaser
1.6	Distributor's Name:	Harbor Freight Tools USA, Inc.
1.7	Distributor's Address:	26541 Agoura Road, Calabasas, CA 91302 USA
1.8	Emergency Phone:	**CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)**
1.9	Business Phone / Fax:	+1 (805) 388-1000

2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a **HAZARDOUS SUBSTANCE** but not as **DANGEROUS GOODS** according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia).

DANGER! HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.

Classification: Acute Tox. 4; Skin Corr. 1B; Serious Eye Dam

Hazard Statements (H): H302 – Harmful if swallowed. H314 – Causes severe burns and eye damage. H335 – May cause respiratory irritation. H402 – Harmful to aquatic life.

Precautionary Statements (P): P260 - Do not breathe mist, fumes, vapors or spray. P264 - Wash hands and exposed skin areas thoroughly with soap and warm water after handling. P271 – Use only in a well-ventilated area. P272 – Contaminated work clothing should not be allowed out of the workplace. P280 – Wear protective gloves/eye protection. P301+P330+P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P304+P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P333+P313 – If skin irritation or rash occurs: Get medical advice/attention. P310 – Immediately call a POISON CENTER or doctor/physician. P321 – Specific treatment – see Section 4 of this Safety Data Sheet. P363 Wash contaminated clothing before reuse. P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P233 – Store in a well-ventilated place. Keep container tightly closed. P405 – Store locked up. P501 – Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	EXPOSURE LIMITS IN AIR (mg/m³) ACGIH ppm TLV	ACGIH ppm STEL	NOHSC ppm ES-TWA	NOHSC ppm ES-STEL	NOHSC ppm ES-PEAK	OSHA ppm PEL	OSHA ppm STEL	OSHA ppm IDLH	OTHER
SODIUM METASILICATE PENTAHYDRATE	6834-92-0	VV9275000	229-912-9	NA	10	NA	NF	NF	NF	15	NA	NA	
	Acute Tox. 4; Skin Corr. 1B; Serious Eye Dam. 1; STOT SE 3; H302, H314, H335												
TETRASODIUM EDTA	64-02-8	NA	200-573-9	NA	NA	NA	NF	NF	NF	NA	NA	NA	
	Acute Tox. 4 *; Eye Dam. 1; H302, H318												
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	JM1575000	252-104-2	NA	100	150	50	308	NF	100	NA	600	

4. FIRST AID MEASURES

4.1 First Aid:

Ingestion: DO NOT INDUCE VOMITING. Contact ChemTrec +1 (800) 424-9300 or the nearest Poison Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.

Eyes: If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.

Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it has been properly cleaned.

Inhalation: Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial respiration. Seek immediate medical attention.

4.2 Effects of Exposure:

Ingestion: Severe burns of mouth, throat and stomach. Symptoms may include vomiting, diarrhea, and abdominal pain.

Eyes: Severe irritation, burns, eye damage. Corrosive.

Skin: Severe irritation, and possible burns.

Inhalation: Severe irritation of respiratory tract and mucous membranes; coughing, difficulty breathing

4. FIRST AID MEASURES – cont'd

4.3	Symptoms of Overexposure:	Ingestion: Nausea, vomiting, severe abdominal pain. Eyes: Redness, burning, irritation, and swelling around eyes. Eye damaged Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing.
4.4	Acute Health Effects:	Severe or permanent eye damage. Severe irritation and possible burns. Severe burns of mouth, throat and stomach. Severe irritation of respiratory tract and mucous membranes.
4.5	Chronic Health Effects:	Severe or permanent eye damage.
4.6	Target Organs:	Eyes, Skin, Lungs, Liver, Kidneys, Red Blood Cells.
4.7	Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the target organs (eyes, skin, and respiratory system). Preclude from exposure those individuals that are susceptible to dermatitis, asthma or bronchitis.

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARDS	0
PROTECTIVE EQUIPMENT	B

EYES	SKIN		

5. FIREFIGHTING MEASURES

5.1	Fire & Explosion Hazards:	Non-flammable. Use media as appropriate for surrounding fire. Contact with metals may release flammable hydrogen gas.
5.2	Extinguishing Methods:	Carbon Dioxide, Foam, Water Spray, Halon (if permitted), Dry Chemical Extinguisher.
5.3	Firefighting Procedures:	As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, and/or nitrogen, hydrocarbons and/or derivatives. Fire should be fought from a safe distance. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.

6. ACCIDENTAL RELEASE MEASURES

6.1	Spills:	Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate Personal Protective Equipment (PPE). Use safety glasses or safety goggles and face shield; use gloves and other protective clothing (e.g., apron, boots, etc.) to prevent skin contact. Small Spills: Wear appropriate protective equipment including gloves and protective eyewear. Use a non-combustible, inert material such as vermiculite or sand to soak up the product and place into a container for later disposal. Large Spills: Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Recover as much free liquid as possible and collect in acid-resistant container. Use absorbent to pick up residue. Keep spills and cleaning runoffs out of drains, municipal sewers and open bodies of water.

7. HANDLING & STORAGE INFORMATION

7.1	Work & Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Immediately clean-up and decontaminate any spills or residues.
7.2	Storage & Handling:	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Keep away from incompatible substances (see Section 10). Protect containers from physical damage. Do not freeze (< 32 ºF), or heat (110 ºF).
7.3	Special Precautions:	Empty containers may retain hazardous product residues.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

8.1 Exposure Limits: ppm (mg/m^3)

	ACGIH		NOHSC			OSHA			OTHER
CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH	
SODIUM METASILICATE PENTAHYDRATE	10	NA	NF	NF	NF	15	NA	NA	
DIPROPYLENE GLYCOL MONOMETHYL ETHER	100	150	50	308	NF	100	NA	600	

8.2	Ventilation & Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate decontamination equipment is available (e.g., sink, safety shower, eye-wash station).
8.3	Respiratory Protection:	In instances where mist, fumes, vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION – cont'd

8.4	Eye Protection:	Wear protective eyewear (e.g., chemical safety goggles) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Wear goggles and/or faceshield if splashing or spraying is anticipated. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).	
8.5	Hand Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.	
8.6	Body Protection:	Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.	

9. PHYSICAL & CHEMICAL PROPERTIES

9.1	Appearance:	Yellow liquid
9.2	Odor:	Sassafras odor
9.3	Odor Threshold:	NA
9.4	pH:	11.5-13.0
9.5	Melting Point/Freezing Point:	NA
9.6	Initial Boiling Point/Boiling Range:	> 100 ºC (212 ºF)
9.7	Flashpoint:	NA
9.8	Upper/Lower Flammability Limits:	NA
9.9	Vapor Pressure:	NA
9.10	Vapor Density:	NA
9.11	Relative Density:	1.041
9.12	Solubility:	Soluble
9.13	Partition Coefficient (log P_{ow}):	NA
9.14	Autoignition Temperature:	NA
9.15	Decomposition Temperature:	NA
9.16	Viscosity:	NA
9.17	Other Information:	VOC Content: 44.1 g/L

10. STABILITY & REACTIVITY

10.1	Stability:	Stable under normal storage and use conditions.
10.2	Hazardous Decomposition Products:	Contact with metals such as aluminum and zinc may produce hydrogen gas. Thermal decomposition can produce oxides of carbon, sodium, nitrogen and sulfur.
10.3	Hazardous Polymerization:	Will not occur.
10.4	Conditions to Avoid:	Avoid high temperatures and incompatible materials.
10.5	Incompatible Substances:	Water-reactive substances, metals (e.g. aluminum, zinc) strong acids, oxidizers.

11. TOXICOLOGICAL INFORMATION

11.1	Routes of Entry:	Inhalation:	NO	Absorption:	YES	Ingestion:	YES
11.2	Toxicity Data:	This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of the product, but are not presented in this document.					
11.3	Acute Toxicity:	See Section 4.4					
11.4	Chronic Toxicity:	See Section 4.5					
11.5	Suspected Carcinogen:	No					
11.6	Reproductive Toxicity:	This product contains Lead, which is suspected of causing reproductive toxicity in humans.					
	Mutagenicity:	This product is not reported to produce mutagenic effects in humans.					
	Embryotoxicity:	This product is not reported to produce embryotoxic effects in humans.					
	Teratogenicity:	This product is not reported to cause teratogenic effects in humans.					
	Reproductive Toxicity:	This product is not reported to cause reproductive effects in humans.					
11.7	Irritancy of Product:	The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure.					
11.8	Biological Exposure Indices:	NE					
11.9	Physician Recommendations:	Treat symptomatically.					

12. ECOLOGICAL INFORMATION

12.1	Environmental Stability:	There are no specific data available for this product.
12.2	Effects on Plants & Animals:	There are no specific data available for this product.
12.3	Effects on Aquatic Life:	There are no specific data available for this product.

13. DISPOSAL CONSIDERATIONS

13.1	Waste Disposal:	Dispose of in accordance with federal, state, provincial and local regulations.
13.2	Special Considerations:	NA

14. TRANSPORTATION INFORMATION

The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR.

14.1	49 CFR (GND):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.2	IATA (AIR)*:	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 0.1 L)	
14.3	IMDG (OCN):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.4	TDGR (Canadian GND):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.5	ADR/RID (EU):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	
14.6	SCT (MEXICO):	UN3262, LIQUIDOS CORROSIVOS, BASICO, INORGANICO, N.E.P. (METASILICATO DE SODIO EN SOLUCION), 8, II, CANTIDAD LIMITADA, (IP VOL ≤ 1.0 L)	
14.7	ADGR (AUS):	UN3266, CORROSIVE LIQUIDS, BASIC, INORGANIC, N.O.S. (sodium metasilicate solution), 8, II, (LTD QTY, IP VOL ≤ 1.0 L)	

15. REGULATORY INFORMATION

15.1	SARA Reporting Requirements:	This product does not contain any substances subject to SARA Title II, Section 313 reporting requirements.	
15.2	SARA Threshold Planning Quantity:	NA	
15.3	TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.	
15.4	CERCLA Reportable Quantity (RQ):	NA	
15.5	Other Federal Requirements:	None of the ingredients are listed as Hazardous Air Pollutants (HAPs). None of the ingredients are listed as Toxic Pollutants under the Clean Water Act (CWA). None of the ingredients are listed as Priority Pollutants under the Clean Water Act (CWA). This product does not contain any Class 1 or Class 2 ozone depletors.	
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class E (Corrosive Material), Class D2B (Materials Causing Other Toxic Effects).	
15.7	State Regulatory Information:	Sodium Metasilicate is found on the following state criteria lists: New Jersey Right-to-Know List (NJ) and Pennsylvania Right-to-Know List (PA). Tetrasodium EDTA is found on the following state criteria lists: NJ and PA. Dipropylene Glycol Monomethyl Ether is found on the following state criteria list: FL, MA, MN, PA and WA. None of the ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI).	
15.8	Other Requirements:	The primary components of this product are listed in Annex I of EU Directive 67/548/EEC. Sodium Metasilicate: Corrosive(C). Risk Phrases (R): 34-37 – Causes burns. Irritation to respiratory system. Safety Phrases (S): S(1/2)-13-24/25-36/37/39-45 – Keep locked up and out of reach of children. Keep away from food drink and animal foodstuffs. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). Tetrasodium EDTA: Harmful (Xn) Risk Phrases (R): 22-41 – Harmful if swallowed. Risk of serious damage to eyes. Safety Phrases (S): 2-26-39-46 – Keep out of reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear eye/face protection. If swallowed seek medical advice immediately and show this container label where possible.	

16. OTHER INFORMATION

16.1	Other Information:	**DANGER! HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION.** Use only as directed. Obtain instructions before use. . Keep away from food drink and animal foodstuffs. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection. If swallowed seek medical advice immediately and show this container label where possible. In case of accident or if you feel unwell seek medical advice immediately (show label where possible). **KEEP OUT OF REACH OF CHILDREN.**
16.2	Terms & Definitions:	See last page of this Safety Data Sheet.
16.3	Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
16.4	Prepared for:	**Harbor Freight Tools USA, Inc.** 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com
16.5	Prepared by:	**ShipMate, Inc.** P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com

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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

CAS No.	Chemical Abstract Service Number

EXPOSURE LIMITS IN AIR:

ACGIH	American Conference on Governmental Industrial Hygienists
C	Ceiling Limit
ES	Exposure Standard (Australia)
IDLH	Immediately Dangerous to Life and Health
OSHA	U.S. Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
STEL	Short-Term Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average

FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has stopped receives manual chest compressions and breathing to circulate blood and provide oxygen to the body.

HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard

HEALTH
FLAMMABILITY
PHYSICAL HAZARDS
PERSONAL PROTECTION

PERSONAL PROTECTION RATINGS:

A		**G**	
B		**H**	
C		**I**	
D		**J**	
E		**K**	
F		**X**	**Consult your supervisor or SOPs for special handling directions.**

OTHER STANDARD ABBREVIATIONS:

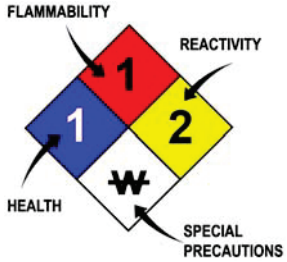
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:	
Autoignition Temperature	Minimum temperature required to initiate combustion in air with no other source of ignition
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source

HAZARD RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
W	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



TOXICOLOGICAL INFORMATION:

LD_{50}	Lethal Dose (solids & liquids) which kills 50% of the exposed animals s
LC_{50}	Lethal concentration (gases) which kills 50% of the exposed animal
ppm	Concentration expressed in parts of material per million parts
TD_{lo}	Lowest dose to cause a symptom
TCLo	Lowest concentration to cause a symptom
TD_{lo}, LD_{lo}, & LD_o or TC, TC_o, LC_{lo}, & LC_o	Lowest dose (or concentration) to cause lethal or toxic effects
IARC	International Agency for Research on Cancer
NTP	National Toxicology Program
RTECS	Registry of Toxic Effects of Chemical Substances
BCF	Bioconcentration Factor
TL_m	Median threshold limit
log K_{OW} or log K_{OC}	Coefficient of Oil/Water Distribution

REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

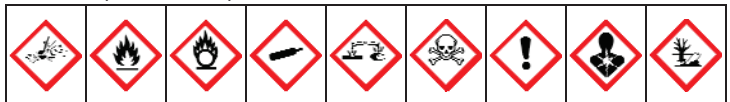
WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

EC (67/548/EEC) INFORMATION:

C	E	F	N	O	T	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

CLP/GHS (1272/2008/EC) PICTOGRAMS:



GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Material name : ZEP INDUSTRIAL PURPLE DEGREASER & CLEANER QT_12CT

Material number : R42310

Manufacturer or supplier's details

Company : Zep Inc.

Address : 350 Joe Frank Harris Parkway, SE
Emerson, GA 30137

Telephone : Compliance Services - 877-428-9937

Emergency telephone numbers

For SDS Information	:	Compliance Services - 877-428-9937
For a Medical Emergency	:	877-541-2016 Toll Free - All Calls Recorded
For a Transportation Emergency	:	CHEMTREC: 800-424-9300 - All Calls Recorded. In the District of Columbia 202-483-7616

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Colour	clear, purple
Odour	characteristic

GHS Classification

Skin corrosion : Category 1
Serious eye damage : Category 1

GHS label elements

Hazard pictograms :

Corrosion

Signal word : Danger

Hazard statements : H314 Causes severe skin burns and eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor.
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.
P363 Wash contaminated clothing before reuse.
Disposal:
P501 Dispose of contents/container in accordance with local regulation.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration [%]
Alcohols, C9-11, ethoxylated	68439-46-3	>= 1 - < 3
Oxirane, methyl-, polymer with oxirane, mono(2-ethylhexyl) ether	64366-70-7	>= 1 - < 3

The exact percentages of disclosed substances are withheld as trade secrets.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Get medical attention.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.

If inhaled : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.

In case of skin contact : Wash off immediately with plenty of water for at least 15 minutes.
Remove contaminated clothing and shoes.
Wash contaminated clothing before reuse.
If skin irritation persists, call a physician.

In case of eye contact : Rinse immediately with plenty of water for at least 15 minutes.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear.
DO NOT induce vomiting unless directed to do so by a

physician or poison control center.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
Take victim immediately to hospital.

Most important symptoms and effects, both acute and delayed	:	Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Causes severe skin burns and eye damage. Review section 2 of SDS to see all potential hazards.
Notes to physician	:	Treat symptomatically. Symptoms may be delayed.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion products	:	Carbon dioxide (CO_2) Carbon monoxide Smoke
Specific extinguishing methods	:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Standard procedure for chemical fires.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Use personal protective equipment.
Environmental precautions	:	Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains, inform respective authorities.
Methods and materials for containment and cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on safe handling	:	Do not breathe vapours or spray mist. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	:	Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.
Materials to avoid	:	Do not store near acids.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures : effective ventilation in all processing areas

Personal protective equipment

Respiratory protection	:	No personal respiratory protective equipment normally required.
Hand protection		
Material	:	Protective gloves
Remarks	:	The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Eye protection	:	Access to clean water to rinse eyes must be available, options include: eye wash stations or showers, or eye wash bottles with pure water. Wear safety glasses with side shields or goggles.
Skin and body protection	:	Impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Hygiene measures	:	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Colour	:	clear, purple
Odour	:	characteristic
Odour Threshold	:	No data available
pH	:	11.50
Melting point/freezing point	:	No data available
Boiling point	:	No data available
Flash point	:	Not applicable
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	1.007 g/cm3
Bulk density	:	No data available
Solubility(ies)		
Water solubility	:	completely soluble
Solubility in other solvents	:	not determined
Partition coefficient: n-octanol/water	:	No data available
Auto-ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity		
Viscosity, dynamic	:	No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Stable
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No decomposition if stored and applied as directed.
Conditions to avoid	:	Extremes of temperature and direct sunlight.
Incompatible materials	:	Acids

Hazardous decomposition products	:	Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

SECTION 11. TOXICOLOGICAL INFORMATION

Potential Health Effects

Aggravated Medical Condition	:	None known.
Symptoms of Overexposure	:	Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include blistering, irritation, burns, and pain. Causes severe skin burns and eye damage. Review section 2 of SDS to see all potential hazards. Treat symptomatically. Symptoms may be delayed.

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Acute toxicity

Product:

Acute oral toxicity	:	Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

Components:

Alcohols, C9-11, ethoxylated:

Acute oral toxicity	:	LD50 Oral Rat: 1,400 mg/kg

Skin corrosion/irritation

Product:

Remarks: Extremely corrosive and destructive to tissue.

Serious eye damage/eye irritation

Product:

Remarks: Risk of serious damage to eyes.

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Product:

Partition coefficient: n-octanol/water	:	Remarks: No data available

Mobility in soil

No data available

Other adverse effects

No data available

Product:

Regulation	40 CFR Protection of Environment; Part 82 Protection of

Remarks		Stratospheric Ozone - CAA Section 602 Class I Substances This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological information	:	No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues	:	Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

Transportation Regulation: 49 CFR (USA):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IMDG (Vessel):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

Transportation Regulation: IATA (Cargo Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: IATA (Passenger Air):
UN3266, Corrosive liquid, basic, inorganic, n.o.s., (SODIUM HYDROXIDE), 8, III

Transportation Regulation: TDG (Canada):
UN3266, CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (SODIUM HYDROXIDE), 8, III - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

SECTION 15. REGULATORY INFORMATION

TSCA list : No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
sodium hydroxide	1310-73-2	1000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 Extremely Hazardous Substances Reportable Quantity

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

SARA 311/312 Hazards : Skin corrosion or irritation
Serious eye damage or eye irritation

SARA 302 : No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

California Prop. 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

DSL All components of this product are on the Canadian DSL
TSCA On TSCA Inventory

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

Inventory Acronym and Validity Area Legend:

TSCA (USA), DSL (Canada), NDSL (Canada)

SECTION 16. OTHER INFORMATION

Further information

NFPA:

HEALTH	3
FLAMMABILITY	1
INSTABILITY	0
SPECIAL HAZARD.	

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme

HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

OSHA - GHS Label Information:

Hazard pictograms :

Corrosion

Signal word : **Danger:**
Hazard statements : Causes severe skin burns and eye damage.
Precautionary statements :

Prevention: Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/doctor. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Wash contaminated clothing before reuse.

Disposal: Dispose of contents/container in accordance with local regulation.

Version:	3.2
Revision Date:	10/01/2023
Print Date:	02/13/2025

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