PERIODIC REVIEW REPORT
APRIL 15, 2025 THROUGH MAY 2, 2026

CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

NYSDEC Registry Number: 152035

Prepared for

BUCCINO REALTY CORP.

For Submittal to

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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MAY 2026
REVISED JUNE 2026

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LIST OF ACRONYMS

Acronym	Definition
ASP	Analytical Services Protocol
cis-1,2-DCE	cis-1,2-dichloroethene
DUSR	Data Usability Summary Report
EC	Engineering Control
EDD	Electronic Data Deliverable
EE	Environmental Easement
EIMS	Electronic Information Management System
ELAP	Environmental Laboratory Approval Program
EWP	Excavation Work Plan
FPM	FPM Group, Ltd.
IC	Institutional Control
IRM	Interim Remedial Measure
LCS	Laboratory control sample
MS/MSD	Matrix spike/matrix spike duplicate
ng/l	Nanogram per liter
NTU	Nephelometric turbidity unit
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
O&M	Operation and Maintenance
PCE	Tetrachloroethylene
PE	Professional Engineer
PFAS	Per- and polyfluoroalkyl substances
PFOA	Perfluorooctanoic acid
PFOS	Perfluorooctanesulfonic acid
PRR	Periodic Review Report
QAPP	Quality Assurance Project Plan
QA/QC	Quality Assurance/Quality Control
RI	Remedial Investigation

Acronym	Definition
ROD	Record of Decision
SCDHS	Suffolk County Department of Health Services
SCO	Soil Cleanup Objective
Site	Cardwell Condenser Corporation Site
SMP	Site Management Plan
Standards	Class GA Ambient Water Quality Standards
SVI	Soil Vapor Intrusion
1,1,1-TCA	1,1,1-Trichloroethane
TCE	Trichloroethylene
TCL	Target Compound List
ug/l	micrograms per liter
ug/m^3	micrograms per cubic meter
USEPA	United States Environmental Protection Agency
VC	Vinyl chloride
VOC	volatile organic compound

SECTION 1.0
EXECUTIVE SUMMARY AND SITE OVERVIEW

1.1 INTRODUCTION

This Periodic Review Report (PRR) was prepared by FPM Group, Ltd. (FPM) to document activities conducted at the Cardwell Condenser Corporation Site (Site) from April 15, 2025 through May 2, 2026. These activities were conducted under a Site Management Plan (SMP) approved by the New York State Department of Environmental Conservation (NYSDEC) in January 2024.

The Site is classified by the NYSDEC as an Inactive Hazardous Waste Disposal Site (NYSDEC Registry # 1-52-035) and was remediated in 1999 and 2000 in accordance with the August 1999 Interim Remedial Measure (IRM) Work Plan. The remedial activities were documented in the October 2000 IRM Report and are briefly summarized herein. The March 2002 Record of Decision (ROD) for the Site states the selected remedy for the Site is No Further Action with continued groundwater monitoring.

An Environmental Easement (EE) was recorded for the Site during the prior reporting period and the SMP was also finalized and approved. Site management activities conducted between September 2015 and April 15, 2024 were documented in a PRR submitted to the NYSDEC in May 2024 and, following revision and resubmittal in April 2025, accepted by the NYSDEC on May 5, 2025. Site management activities conducted during the most recent prior reporting period (April 15, 2024 to April 15, 2025) were documented in a PRR submitted to the NYSDEC on July 1, 2025 and accepted by the NYSDEC on July 2, 2025. Site management activities conducted during this reporting period are summarized herein in accordance with guidelines provided by the NYSDEC in the Institutional and Engineering Controls Certification Form provided via email on March 24, 2026. Copies of NYSDEC correspondence received during the reporting period are included in Appendix A.

1.2 EXECUTIVE SUMMARY

The findings in this PRR are summarized as follows:

<u>Effectiveness of Remedial Program</u>

- The remedial program is effective, as evidenced by a significant reduction of volatile organic compound (VOC) concentrations in groundwater following the removal of impacted sediments from Site leaching pools in 1999 and 2000. Groundwater conditions have continued to gradually improve, as documented in groundwater monitoring reports discussed in this PRR.
- The approved Site use is industrial. The Site has been used continuously throughout the reporting period for industrial uses only. This use restriction is effective at protecting the public from residual materials that remain present onsite.
- The use of onsite groundwater is prohibited without required water quality treatment. Groundwater use did not occur during the reporting period; this restriction was effective at protecting the public from residual impacts in groundwater.

- Groundwater monitoring was conducted June 2025 during this reporting period. Groundwater data have demonstrated that contaminant concentrations at the Site have continued to generally decline following the removal of source material. Groundwater monitoring has also demonstrated that emerging contaminants do not present a concern. The groundwater monitoring data show that the remedy has been effective at improving and protecting groundwater quality.
- The cover over the remaining contaminated soil remained in place and was not breached during the reporting period. An Excavation Work Plan (EWP) in the SMP provides measures to evaluate and address residual contaminated soil in the covered areas if the cover is breached. The cover engineering control (EC) is protective of the public and effective at preventing potential exposure to residual contaminated soil.
- The SMP includes provisions to conduct soil vapor intrusion (SVI) monitoring if the Site use changes or if chemicals containing chlorinated VOCs are no longer used in the onsite operations. Prior testing has demonstrated that indoor air quality did not appear to be affected by SVI. As the Site was used only for industrial purposes during the reporting period and the uses continued to include products containing tetrachloroethylene (PCE) and related chlorinated solvents, no additional SVI monitoring was warranted during the reporting period. This approach remains protective of the Site occupants.
- The EE includes provisions for notification of restrictions on Site usage to be provided by statements in the property deed and instruments of conveyance relating to the Site. There have been no property transfers or instruments of conveyance since the EE was recorded and this requirement remains protective of the public.

Compliance

- Groundwater monitoring for VOCs was conducted in 2017 and then suspended while the provisions of the EE and SMP were negotiated and Site ownership changed. Groundwater monitoring was conducted for emerging contaminants in 2018 in compliance with a NYSDEC request. Groundwater monitoring for VOCs was resumed in the first quarter of 2024 following NYSDEC approval of the SMP, as documented in the 2024 PRR. Groundwater monitoring events for VOCs are scheduled on a once-per-five-quarter basis, in compliance with the SMP. A groundwater monitoring event was conducted in June 2025 (second quarter of 2025), during this reporting period. The procedures and results of this monitoring event were initially documented in a July 3, 2025 report. The NYSDEC required this report to be revised and resubmitted as per August 22, 2025 correspondence. The report was revised and resubmitted on August 26, 2025, following which it was accepted by the NYSDEC on August 28, 2025. The next groundwater monitoring event is scheduled for the third quarter of 2026, in compliance with the approved schedule.
- As discussed in the 2025 groundwater monitoring report, the Site's remaining groundwater monitoring wells include MW-1, MW-2, MW-6, MW-8, MW-9, MW-10 and MW-12. Wells MW-3, MW-4, and MW-7 were confirmed to have been previously abandoned and wells MW-5, MW-11, MW-13 and MW-14 could not be located and are presumed to have been destroyed during paving and/or snowplowing activities. The current monitoring program includes downgradient wells MW-8, MW-9, and MW-12, which were monitored for VOCs in June 2025. No exceedances of the NYSDEC Class GA Ambient Water

Quality Standards (Standards) were detected in any of these wells. The recent historic monitoring data indicate that generally low VOC impacts remained present at the Site from 2017 to the present, primarily in and downgradient of the former leaching pools (former source area). PCE somewhat exceeded its NYSDEC Standard in immediate downgradient proximity to the former source area (well MW-14) when this well was last sampled in 2017. No VOCs were detected above the NYSDEC Standards in 2017, 2024, or 2025 at any of the wells further downgradient, including wells MW-8, MW-9, MW-12, and/or MW-13. These data indicate that the source of groundwater VOCs has been remediated and the site-related groundwater plume is decreasing in both size and concentration and is limited to the proximity of the former source area. It is likely that VOC concentrations in the downgradient groundwater will continue to generally decrease, consistent with the observed continued declining trend for the past 20 years following remediation.

- Compliance with the Site's institutional controls (ICs) is verified by performing a Site-wide inspection on at least an annual basis, as per the SMP. Site-wide inspections were performed in June 2025 and again on April 28, 2026, near the end of the reporting period, and confirmed compliance with the ICs throughout the reporting period. No deficiencies were noted.
- The Site's ECs, including the pavement cover in the former LP-1 area and the concrete building slab, remained in place throughout the reporting period, in compliance with the SMP.
- Soil sampling and soil vapor/indoor air sampling were not conducted during the reporting period as the conditions that would trigger sampling of these media did not occur. These aspects of the site management program remain compliant with the SMP.

Recommendations

Based on the current Site conditions, FPM has no recommendations for changes to the remedy.

- Should the use of chemicals containing chlorinated solvent VOCs cease, the Site use change, or additional data indicate that SVI is occurring, then SVI testing should be performed as per the SMP to determine if SVI mitigation may be warranted.

1.3 SITE OVERVIEW

The Site consists of approximately 1.2 acres located at 80 East Montauk Highway in Lindenhurst, New York. A map of the Site location is shown on Figure 1.3.1, an aerial view of the Site and its vicinity is presented in Figure 1.3.2, and the Site layout is shown in Figure 1.3.3, which has been modified to show the current status of the Site's monitoring wells. All figures are provided in Section 7 - Figures. Neguntatogue Creek is located east of the Site and flows south into Great South Bay. Bordering the property to the north is an undeveloped parcel owned by the Village of Lindenhurst. Immediately to the east is an automobile dealership. The south and west boundaries of the property are formed by East Montauk Highway and Lincoln Avenue, respectively. The surrounding area is primarily commercial and residential.

After completion of the remedial work, some contamination has been left at this Site, which is hereafter referred to as "residual contamination". ICs and ECs have been incorporated into the Site remedy to control exposure to any residual contamination to ensure protection of public health and the environment. An EE has been granted to the NYSDEC and recorded with the

Suffolk County Clerk; this Easement requires compliance with the SMP and all ECs and ICs placed on the Site.

The Site was formerly owned and occupied by Cardwell Condenser, which manufactured electrical components. Between 1957 and 1987 process wastewater from plating operations was discharged to leaching pools located north of the Site building. Investigations conducted at the Site between 1986 and 1994 and a Remedial Investigation (RI) conducted in 1998 indicated that onsite soil and groundwater were impacted by VOCs and metals. Low to moderate concentrations of VOCs were present in the groundwater at the Site, with the groundwater samples exhibiting exceedances of the NYSDEC Standards all located downgradient of VOC-impacted leaching pools. An exposure assessment was performed and it was concluded that the potential for ingestion, dermal, or inhalation contact with the impacted leaching pool sediments and groundwater was minimal. In addition, the potential for impact to Neguntatogue Creek was also evaluated to be insignificant. Remediation of the VOC-impacted leaching pools was performed in 1999 and 2000 to reduce the potential for impact to groundwater and Neguntatogue Creek. The results are documented in the October 2000 IRM Report.

The March 2002 ROD for the Site stated that the selected remedy is No Further Action with continued groundwater monitoring. The ROD states that Site closure criteria will be met when the "groundwater monitoring shows a continued decline in groundwater contaminant concentrations." The prior O&M Plan for the Site outlined procedures for semiannual monitoring at Site groundwater wells MW-8, MW-9, MW-12, MW-13, and MW-14, which was performed since 2002 in substantial conformance with the O&M Plan and subsequent NYSDEC modifications. Groundwater monitoring conducted prior to the current reporting period was documented in the 2010, 2015, and 2024 PRRs and prior groundwater monitoring reports. The prior groundwater monitoring results are summarized herein and show a general declining trend of VOC groundwater contaminants at all sampled wells.

SVI evaluations were performed at the Site in December 2009 and August 2015 in accordance with NYSDEC-approved work plans. Based on these investigations soil vapor beneath the Site is impacted by chlorinated solvents, primarily PCE, trichloroethene (TCE), and 1,1,1-trichloroethane (1,1,1-TCA), all of which were formerly present in the source area. Residual concentrations of PCE (meeting applicable NYSDEC soil cleanup objectives for the use of the property) remained present in soil in one former leaching pool in this area following remediation and likely contribute to soil vapor conditions. Soil vapor conditions appear to have been affected by paving of the former source area in proximity to the building in 2015 and by the lower water table observed in 2015. Indoor air quality does not appear to be affected by SVI but does appear to be affected by ambient air conditions and the use of certain chemicals containing PCE and/or methylene chloride within the building. The New York State Department of Health (NYSDOH) recommended that if the property use should change or the use of chlorinated solvents cease at the facility, then an additional SVI investigation should be performed. Chlorinated solvents continue to be used in the facility operations, as discussed in Section 3.1, and, therefore, an additional SVI investigation was not indicated or performed during this reporting period.

1.4 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

The remedy has been managed in general compliance with the prior O&M Plan and with the SMP approved in 2024. The remedy continues to perform effectively and protect the public

from the remaining residual materials at the Site. The EE recorded during a prior reporting period includes ICs that are effective protective of the public; the provisions of the ICs were followed during this reporting period. The SMP includes ECs, including a cover over the former leaching pool LP-1 area and the monitoring well system, that are protective. These ECs remained present during the reporting period and were inspected for compliance with the SMP. The ECs were effective and protect the public from exposure to residual materials at the Site.

- The approved Site use is industrial. The Site has been used continuously throughout the reporting period for industrial uses only. This use restriction is effective at protecting the public from residual materials that remain present onsite.
- The use of onsite groundwater is prohibited without required water quality treatment. Groundwater use did not occur during the reporting period; this restriction was effective at protecting the public from residual impacts in groundwater.
- Groundwater monitoring was conducted in June 2025 during this reporting period and was documented in a groundwater monitoring report that was accepted by the NYSDEC on August 28, 2025 following revision. The data documented that contaminant concentrations at the Site have continued to generally decline following the removal of source material. Groundwater monitoring has also shown that emerging contaminants do not present a concern. The groundwater monitoring data demonstrate that the remedy has been effective at improving and protecting groundwater quality.
- The cover over the remaining contaminated soil remained in place and was not breached during the reporting period. An EWP in the SMP provides measures to evaluate and address residual contaminated soil in the covered areas if the cover is breached. The cover EC is protective and has been effective at preventing potential exposure to residual contaminated soil.
- The SMP includes provisions to conduct SVI monitoring if the Site use changes or if chemicals containing chlorinated VOCs are no longer used in the onsite operations. Prior SVI testing has demonstrated that indoor air quality did not appear to be affected by SVI. As the Site was used only for industrial purposes during the reporting period and the uses continued to include products containing PCE and related chlorinated solvents, no additional SVI monitoring was warranted during the reporting period. This approach remains protective of the Site occupants.
- The EE includes provisions for notification of restrictions on Site usage to be provided by statements in the property deed and instruments of conveyance relating to the Site. There have been no property transfers or instruments of conveyance since the EE was recorded and this requirement is protective.

SECTION 2.0
ENGINEERING AND INSTITUTIONAL CONTROLS COMPLIANCE

Remedial activities were previously conducted at this Site and included removal of materials from VOC-impacted leaching pools. ICs were initially implemented via the ROD for this Site to control human exposure to residual materials such that the Site would be suitable for industrial use. An SMP that included ICs and ECs for the Site was submitted to the NYSDEC in 2017 and, after several revisions and recording of an EE, was approved by the NYSDEC in January 2024. The ECs and ICs, as implemented, continue to control human exposure to residual materials such that the Site is suitable for industrial use.

The ICs implemented at the Site are as follows:

- The property may be used for industrial use;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Suffolk County Department of Health Services to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the NYSDEC;
- Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to site management of the property must be reported at the frequency and in a manner defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the EE.

There were no ECs established in the ROD for this Site. However, the existing pavement over the former LP-1 location functions as an EC to limit stormwater infiltration, thus reducing the potential for residual soil to impact groundwater conditions. The existing building slab also functions as an EC to prevent contact with sub-slab soil and reduce the potential for SVI. The groundwater monitoring well system also functions as an EC to allow ready access to groundwater for the required monitoring. These physical features are considered ECs, as articulated in the SMP.

2.1 ENGINEERING CONTROLS COMPONENTS

2.1.1 Cover

Soil exceeding the NYSDEC Part 375 Soil Cleanup Objectives (SCOs) for protection of groundwater remains present below the former LP-1 location to the north of the Site building. Asphalt pavement over this area presently reduces the potential for groundwater impacts by limiting stormwater infiltration. VOC-impacted soil may also be present beneath the slab of the onsite building. The existing cover in this area consists of the concrete slab of the building, which prevents contact with sub-slab soil and reduces the potential for SVI. Figure 2.1.1.1 (see Section 7 – Figures) shows the location of the asphalt pavement cover over the former LP-1 leaching pool area and the location of the concrete building slab, which also acts as a cover.

The cover was inspected following the procedures in the Monitoring and Sampling Plan included in the SMP. The results of the most recent inspections (June 2, 2025 and April 28, 2026) are documented in the Site-Wide Inspection forms included in Appendix C. The cover over each area was found to be continuous and in good condition, with no indications of removal, breaching, excavation, or other disturbance.

The EWP provided in the SMP outlines the procedures required to be implemented if excavation is conducted in the covered areas, including if the cover is breached, penetrated or temporarily removed in these areas, and any underlying remaining contamination is disturbed. The EWP was not implemented or required during the reporting period as there was no breach of the cover.

2.1.2 Groundwater Monitoring Well System

Groundwater monitoring wells remain in place at the Site and are used to confirm that the levels of VOCs continue to decline following the remediation of the source area. Figure 1.3.3 (see Section 7 – Figures) shows the locations of the Site's former and existing monitoring wells. Wells MW-8, MW-9, and MW-12 are presently included in the monitoring program for the Site.

The groundwater monitoring wells were observed during the June 2, 2025 and April 28, 2026 Site-wide inspections, as documented in the inspection forms in Appendix C. The wells were also inspected during prior groundwater monitoring events. The well conditions during the prior monitoring events were documented on the sampling logs prepared for each event.

The monitoring wells in the system were generally found to be in good condition during each prior monitoring event and during the Site-wide inspections, with some exceptions. The following issues were noted during the January 2024 and June 2025 monitoring events:

- Well MW-12 had been damaged during parking lot paving. While the well remained functional, the manhole required replacement. Manhole replacement was performed on April 11, 2024 and this well remains secure.
- Well MW-13 appears to have been destroyed during parking lot paving. As nearby well MW-12 provides substantially similar information, replacement of well MW-13 was not recommended and has not been required by the NYSDEC.
- Well MW-14 could not be located during the January 2024 monitoring event and subsequent exploration of the former well area was not successful in locating the well. Replacement of well MW-14 was not recommended as prior data demonstrate that Site-

related impacts had been minimal in this well for several years. The NYSDEC has not required that this monitoring well be replaced.

- As discussed in the report documenting the June 2025 groundwater monitoring event, wells MW-3, MW-4, and MW-7 located to the south of the onsite building were confirmed to have been previously abandoned.
- Wells MW-5 and MW-11, located offsite in an unpaved area adjoining the road and upgradient of the former source area, could not be located and are suspected to have been destroyed during snowplowing operations. Replacement of these wells was not recommended and has not been required by the NYSDEC.
- Wells MW-9 and MW-12 were found to be partially filled with sediment during the June 2025 monitoring event. It was recommended that these wells be redeveloped to remove accumulated sediment. This work was performed during this reporting period, as documented in Section 3.2.2.
- It was also recommended that the top of casing relative elevations for the remaining monitoring wells be resurveyed to provide better information with which to assess the groundwater flow direction. This work was performed during this reporting period, as documented in Section 3.2.3.

Wells MW-1, MW-2, MW-6, MW-8, MW-9, MW-10 and MW-12 continue to remain present as part of the groundwater monitoring system. Wells MW-8, MW-9 and MW-12 continue to be monitored under the current groundwater monitoring program. No changes are recommended for the groundwater monitoring well system or monitoring program.

2.2 INSTITUTIONAL CONTROLS COMPONENTS

ICs are implemented at the Site to (1) implement, maintain, and monitor the ECs; (2) prevent future exposure to residual contamination; and (3) restrict the use of the Site to industrial uses only. Adherence to these ICs on the Site is required under an EE recorded with the Suffolk County Clerk in April 2023. A copy of the recorded EE is included in Appendix B.

Implementation, maintenance, and monitoring of the ECs is conducted in accordance with the SMP approved by the NYSDEC in January 2024. Prior to that time the ECs were managed under a NYSDEC-approved O&M Plan. Prevention of future exposure to residual contamination and restrictions on Site usage are discussed below.

2.2.1 Prevention of Exposure to Residual Contamination

The EWP in the SMP provides measures to evaluate and address residual contaminated soil in the covered areas if the cover is breached. The cover was not breached during the reporting period and, therefore, implementation of the EWP was not required. As the cover has remained intact, potential exposure to residual contaminated soil has been prevented.

To prevent potential exposure to residual contaminated groundwater beneath the Site, the EE includes a provision that prohibits the use of groundwater underlying the Site without the necessary water quality treatment, as determined by the NYSDOH or Suffolk County Department of Health Services (SCDHS), to render it safe for use as drinking water or for industrial purposes. As documented in the Site-wide inspections (see Section 3.1), groundwater use is not occurring at this Site, nor is groundwater use contemplated. We conclude that

potential exposure to residual contamination in groundwater did not occur during the reporting period.

To prevent potential exposure to soil vapors beneath the Site, the SMP includes provisions to conduct SVI monitoring if the Site use changes or if chemicals containing chlorinated VOCs are no longer used in the onsite operations. As documented in the Site-wide inspections, the Site was used only for industrial purposes during the reporting period and the industrial uses have continued to include the use of products containing PCE and related chlorinated solvents (see Section 3.1). Prior SVI testing has demonstrated that indoor air quality does not appear to be affected by SVI but does appear to be affected by ambient air conditions and the use of certain chemicals containing PCE and/or methylene chloride within the building. As the Site use has not changed and chlorinated solvents continue to be used in onsite operations, we conclude that no additional SVI assessment is warranted at this time.

2.2.2 Restrictions on Site Usage

The Site usage is restricted to industrial uses. Confirmation of Site usage is documented in the Site-Wide Inspection forms, copies of which are included in Appendix C. The Site usage is documented to have been industrial (screen printing and embroidering) throughout the reporting period.

As per the EE, notification of restrictions on Site usage must also be provided by statements required in the property deed and instruments of conveyance relating to the Site. We note that the EE was recorded in April 2023 following the transfer of Site ownership from Viking 80 East Properties, LLC to Buccino Realty, LLC (the current Site owner) on November 10, 2021 and, therefore, was not in effect at the time that property transfer occurred. There have been no property transfers or instruments of conveyance since the EE was recorded.

2.3 EC/IC CERTIFICATION

An EC/IC Certification Form has been completed for the Site. The completed certification form is included in Appendix D.

SECTION 3.0
MONITORING PLAN COMPLIANCE

The Monitoring Plan in the SMP for the Site includes measures for evaluating the performance and effectiveness of the remedy. The Monitoring Plan includes a means (Site-wide inspection) for evaluating the Site's compliance with the ICs and the condition and continued effectiveness of the ECs. The Monitoring Plan also includes provisions for post-remediation media monitoring and sampling. Each aspect of the Monitoring Plan is discussed below. Direct monitoring of the ECs is discussed in Section 2 of this PRR.

3.1 SITE-WIDE INSPECTION

Compliance with the EE IC is verified by performing a Site-wide inspection on at least an annual basis. Site-wide inspections were performed on June 2, 2025 (previously reported in the 2025 PRR) and April 28, 2026 during this reporting period; copies of the completed inspection forms are included in Appendix C. As discussed in Section 2.2.2, the Site-wide inspections confirmed that the Site is used for industrial purposes (screen printing and embroidering) and the Site was actively used for this purpose throughout the reporting period. Several products containing chlorinated VOCs and/or methylene chloride were observed in use at the facility and a Site representative confirmed that these products (or equivalent) were in use onsite throughout the reporting period. No deficiencies were noted and FPM has no recommendations for changes in Site usage or confirmation procedures.

The Site-wide inspections also confirmed that the cover EC (pavement in the former LP-1 area and the concrete building slab) remained in-place and in good condition during the reporting period. The EWP was not implemented during the reporting period as the cover remained intact over the remaining contaminated soil. FPM has no recommendations for changes to the cover EC.

The Site-wide inspections included a visual assessment of the Site's monitoring wells. In addition, redevelopment of wells MW-9 and MW-12 and resurveying of the relative elevations of the top of casing for each of the remaining monitoring wells was conducted, as recommended in the report documenting the June 2025 monitoring event. The procedures and results of this work are documented in the following sections.

3.2 GROUNDWATER MONITORING

3.2.1 Groundwater Monitoring System Components

A network of monitoring wells is present at the Site, as shown on Figure 1.3.3, (Section 7 – Figures) to evaluate groundwater quality in the vicinity and downgradient of the former source area and onsite building. Wells MW-1, MW-2, MW-6, MW-8, MW-9, MW-10 and MW-12 remain present as part of the groundwater monitoring system and wells MW-8, MW-9 and MW-12 are the current designated wells for the monitoring program. Groundwater monitoring was conducted in June 2025 during this reporting period and the procedures and results were initially documented in a July 3, 2025 report, a copy of which is included in Appendix E. The NYSDEC required this report to be revised and resubmitted as per August 22, 2025 correspondence. The report was revised and resubmitted on August 26, 2025, following which it was accepted by the NYSDEC on August 28, 2025. The procedures and results of this monitoring event are summarized herein.

3.2.2 Monitoring Well Redevelopment

As documented in the report of the June 2025 groundwater monitoring event, wells MW-9 and MW-12 contained accumulated sediment, which precluded low-flow purging, and it was recommended that these wells be redeveloped to remove accumulated sediment.

On April 28, 2026, FPM Qualified Environmental Professionals (QEPs) redeveloped monitoring wells MW-9 and MW-12. Redevelopment activities were completed using a Whale pump and hand bailer to physically remove accumulated sediment from the bottom of each well. Well development continued until much of the accumulated sediment (approximately two to three feet) was removed from each well.

Following sediment removal, the well depths were measured and compared to available well construction information to confirm that the excessive sediment accumulation had been reduced and a sufficient length of each screen was exposed so the wells are suitable for monitoring and sampling activities. For MW-12 approximately 5.5 feet of screen below the water table is now exposed and for MW-9 at least 3 feet of screen below the water table is now exposed. Available information concerning well depths, screen intervals, and depth to the well bottoms is included on Table 3.2.3.1 in Section 8 – Tables.

If significant sediment accumulation is observed again during future groundwater monitoring events, then additional redevelopment activities will be undertaken to ensure that the wells remain suitable for monitoring and sampling.

3.2.3 Monitoring Well Surveying

As documented in the report of the June 2025 groundwater monitoring event, anomalous water level readings were obtained in some wells and it was recommended that the relative elevations of the tops of the well casings be resurveyed so that more accurate measurements of the water table surface could be obtained. On April 28, 2026 FPM QEPs re-surveyed the relative elevation of each of the Site's monitoring wells. The resulting measurements are documented on Table 3.2.3.1 in Section 8 – Tables.

Monitoring well surveying was performed using a standard optical transit and survey rod operated by a dedicated rodperson to establish internally-consistent relative elevations for the top of casing (TOC) for each monitoring well across the Site. Prior to surveying, a permanent reference point was marked on the north side of each well casing to provide a consistent measuring location for future groundwater gauging activities to minimize variability between monitoring events. The transit was set at a stable location with a clear line-of-sight to the wells, and the height of instrument above ground surface was established and recorded. The rodperson positioned the survey rod vertically on the marked north-side reference point of each well casing while transit readings were obtained. Relative elevations were calculated based on backsight and foresight measurements from the established instrument setup, allowing for consistent comparison between wells. Survey results were reviewed for consistency and incorporated into the Site's relative elevation dataset to support refinement of groundwater contouring and interpretation of hydraulic gradients. The resulting surveyed elevations are presented in Table 3.2.3.1 in Section 8 – Tables and will serve as the standardized reference elevations for future groundwater level monitoring activities.

3.2.4 Groundwater Monitoring Procedures - June 2025

Groundwater monitoring procedures for the June 2025 groundwater monitoring event were in general compliance with the approved SMP, including the use of low-flow procedures, with the exceptions of wells MW-9 and MW-12 where accumulated sediment precluded use of the low-flow pump. These wells have since been redeveloped to remove excess sediment, as discussed in Section 3.2.2. Health and safety procedures were used during all onsite events and health and safety monitoring was conducted in accordance with the SMP during the June 2025 monitoring event. The monitoring results are recorded in the sampler's field notebook; organic vapors were not detected during the June 2025 monitoring event.

During the June 2025 sampling event depth-to-water measurements were obtained prior to purging and were used to evaluate the groundwater flow direction. Sampling was performed after the stability parameters had stabilized and the turbidity was generally less than 50 nephelometric turbidity units (NTU).

Following purging, each well was sampled and the samples were submitted under chain of custody to Eurofins Environmental Testing (Eurofins), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory. QA/QC samples were also collected in accordance with the procedures in the SMP. All samples were analyzed for Target Compound List (TCL) VOCs by NYSDEC Analytical Services Protocol (ASP) methods with Category B deliverables. The data in the resulting electronic data deliverable (EDD) were uploaded to the NYSDEC's Electronic Information Management System (EIMS) and a data usability summary report (DUSR) was prepared for the laboratory package. The DUSR results indicated that the chemical analytical data were of acceptable quality for their intended purposes.

3.2.3 Groundwater Monitoring Results and Comparison with Remedial Objectives

Groundwater Flow Direction

Regional groundwater flow in the Upper Glacial Aquifer in the Site area is generally to the southeast. Groundwater levels have been measured during multiple events at the Site monitoring wells. Table 3.2.3.1 (see Section 8 – Tables) summarizes the measurements obtained during the current and prior reporting periods and the pertinent data (top of well casing relative elevation) for each well. The groundwater levels typically indicate a southeast groundwater flow direction toward Neguntatogue Creek and Great South Bay, consistent with prior measurements and the regional groundwater flow direction. Water levels measured during the June 2025 monitoring event are shown on Figure 3.2.3.1 (see Section 7 – Figures) and are generally consistent with prior measurements. It was noted that the water level in well W-2 was not consistent with nearby monitoring wells MW-8 or MW-9; it is possible that a field measurement error occurred at this well or that the top of the MW-2 casing has altered.

As discussed above, on April 28, 2026 the top of casing elevations were re-surveyed for all the remaining Site wells. The resulting data were integrated with the depth-to-water measurements obtained in June 2025 and are shown on Figure 3.2.3.2. These data show a south-southeasterly flow direction towards Great South Bay, which is consistent with the regional groundwater flow direction for the Upper Glacial Aquifer. Additional water level information will be obtained during future monitoring events to provide additional data with which to evaluate the groundwater flow direction.

Volatile Organic Compounds

The VOC data from the June 2025 sampling event are presented in Table 3.2.3.2 (see Section 8 - Tables); data from previous sampling events are also shown for comparison purposes. Figure 3.2.3.1 (see Section 7 – Figures) shows the VOC data from the past three monitoring events for each well in the monitoring system as well as the data from June 2025. It should be noted that the data tables on Figure 3.2.3.1 include the VOCs that have been most consistently detected at this Site, including PCE, cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), and TCE. The data are evaluated with respect to the NYSDEC Standards, exceedances of which are shaded and shown in bold type.

Well MW-1, which is located a short distance upgradient of the former LP-1 area, was not sampled during the June 2025 monitoring event and exhibited no detections of any Site-related VOCs in January 2024. These results are consistent with historic results from this monitoring well and demonstrate that Site-related impacts are not present upgradient of the former source area.

Well MW-14, formerly located in the immediate vicinity of the former source area and now destroyed, was most recently sampled for VOCs in June 2017 and August 2015, and during prior monitoring events. VOC concentrations remained below the NYSDEC Standards in 2015 and 2017 with the exceptions of relatively low concentrations of PCE (14 to 19 micrograms per liter, or µg/l). PCE was not detected in 2009 or 2011 and was detected below its NYSDEC Standard in 2013. PCE was previously detected at up to 300 µg/l in this well. Other Site-related VOCs, including cis-1,2-DCE, VC, and TCE, were previously detected in this well above NYSDEC Standards

At well **MW-9**, located somewhat downgradient of the former source area, no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2009. No Site-related VOCs have been detected in this well since at least 2011. PCE was previously detected at up to 279 µg/l in this well (1998) and other Site-related VOCs, including cis-1,2-DCE, TCE, and VC, previously exceeded NYSDEC Standards through 2007.

At well **MW-8**, located further downgradient of the former source area, no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2017. PCE was most recently detected above its NYSDEC Standard in this well in October 2013 and August 2015 (29 and 31 µg/l, respectively). PCE was previously detected at up to 368 µg/l in this well (1998) and other Site-related VOCs, including cis-1,2-DCE and TCE, also previously exceeded Standards.

At well **MW-12** in the vicinity of Neguntatogue Creek no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2017. Exceedances of the NYSDEC Standards were most recently noted in this well in August 2015, including PCE at 7.6 ug/l and cis-1,2-DCE at 8.1 ug/l. Previously, PCE, cis-1,2-DCE, TCE, and/or VC have been sporadically detected in this well at low to moderate concentrations.

Well **MW-10**, which is located downgradient and somewhat crossgradient of the former source area, was not sampled during the June 2025 monitoring event and exhibited no detections of any Site-related VOCs in January 2024. This well was previously sampled in 1998, at which time

low estimated concentrations (below Standards) of PCE and TCE were detected, suggestive of the outer edge of the Site-related plume. The 2024 data are consistent with the overall diminution of the plume of Site-related VOCs over time documented at the other monitoring wells.

The concentrations of Site-related VOCs in each well for the three most recent monitoring events shown on Figure 3.2.3.1 (see Section 7 – Figures) indicate that generally low VOC impacts remained present at the Site from 2017 to June 2025, primarily in and downgradient of the former source area. PCE somewhat exceeded its NYSDEC Standard in immediate downgradient proximity to the former source area (well MW-14) when this well was last sampled in 2017. Further downgradient at wells MW-8 and MW-9 no VOCs were detected above the NYSDEC Standards in 2017, 2024, or 2025. Similarly, at wells MW-12 and/or MW-13 in the vicinity of Neguntatogue Creek no VOCs were detected above NYSDEC Standards in 2017, 2024, or 2025. These data indicate that the source of groundwater VOCs has been remediated and the remaining residual concentrations are limited and anticipated to continue to decline.

Emerging Contaminants

As documented in a May 16, 2018 report, select Site wells were sampled for the emerging contaminants per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane in 2018 following a NYSDEC-approved work plan. The results, which are presented on Table 3.2.3.3 (see Section 8 – Tables), are compared to the current (April 2023) NYSDEC Guidance Values for assessing PFAS and 1,4-dioxane in groundwater.

Several PFAS were detected in the sampled wells in 2018, with all the detections at low estimated concentrations well below the Guidance Values. 1,4-dioxane was also detected at low estimated concentrations in all the wells sampled, with all detections well below the NYSDEC Guidance Value. As noted in the May 2018 report, comparable low estimated concentrations of PFOS, PFOA, and 1,4-dioxane were detected in the field blank samples and a low estimated concentration of PFOA was detected in the laboratory's method blank sample. Based on this information, it is possible that the detections in the samples may result from low levels of field and/or laboratory contamination.

The PFAS and 1,4-dioxane detections were noted in the upgradient well (MW-1), the well in the former source area (MW-14), and the downgradient well (MW-8), and there appeared to be no relationship between the detection locations and levels and the location of the former source area or the VOC plume associated with the Site. These data indicate that PFAS and 1,4-dioxane are not present at levels of concern and are not associated with the VOC impacts in groundwater at this Site.

It was recommended that no further 1,4-dioxane or PFAS monitoring be required. Emerging contaminant monitoring is not required in the SMP for this Site.

Efforts to Locate Additional Site Monitoring Wells

Efforts to locate all the remaining Site monitoring wells were made during the June 2025 monitoring event, as documented in the August 26, 2025 groundwater monitoring report. Wells MW-1, MW-2, MW-6, MW-8, MW-9, MW-10, and MW-12 were located, accessed, and assessed as described above. Wells MW-13 and MW-14 were not located during the 2024 monitoring event and were not evident during the June 2025 monitoring event. These wells are presumed to have been destroyed, as previously discussed.

Wells MW-3, MW-4, and MW-7 were formerly located in a grassy area to the south of the Site building and wells MW-5 and MW-11 were formerly located offsite in a public park to the north of the Site. None of these wells was visible during the June 2025 Site-wide inspection or monitoring event. The vicinity of the locations of wells MW-3, MW-4, MW-5, MW-7, and MW-11 were screened with a hand-held Schonstedt GA-52CX magnetic locator instrument in June 2025 to identify the steel manhole lid that formerly covered each well.

Magnetic anomalies were identified at the onsite well locations (MW-3, MW-4 and MW-7) and each was hand-excavated to expose the associated well. Each of these locations was found to have a former monitoring well that appeared to have been abandoned. The casings appeared to have been filled with concrete, cut off below grade, and, and in one case, capped with the steel manhole that had been welded shut. These wells were installed by NYSDEC contractors between 1986 and 1992 and were last monitored in 1989 (MW-3), 1992 (MW-7), and 1998 (MW-4). None of these wells exhibited exceedances of the NYSDEC Standards for any VOCs and none were included in the monitoring programs in the 2002 Operation and Monitoring Plan or the current SMP for this Site. The current and most recent former Site owners (Peter Buccino and David Kjeldsen, respectively) were asked if they had any knowledge of the abandonment of these wells, but neither had any information about well abandonment. The now-deceased brother of the former Site owner (Bob Kjeldsen) managed all the environmental matters concerning the Site, so no further information is available. It appears likely that he had the wells abandoned after it was determined that they were not to be included in the monitoring program.

No magnetic anomalies were identified at the MW-5 or MW-11 locations, which are located offsite in a public park. Each location was probed with a steel rod and the surface vegetation and some soil were removed to improve visibility. No wells were found at the former well locations. We noted that this area of the park does not have any concrete curb and is not landscaped. The area is overgrown with weedy vegetation and appears to be periodically scraped during snowplowing activities. It appears that these wells were either destroyed during snowplowing or abandoned by Bob Kjeldsen.

3.2.4 Summary of Groundwater Monitoring

Groundwater monitoring conducted during this reporting period and prior reporting periods demonstrates that VOC concentrations have continued to remain low in the former source area; only one VOC was noted to be somewhat above its NYSDEC Standard (PCE at 19 ug/l) in well MW-14 this area during the 2017 monitoring event. No exceedances of the NYSDEC Standards were noted for any VOCs further downgradient of the former source area during the 2017, 2024, or 2025 monitoring events. It is likely that VOC concentrations in the downgradient groundwater will continue to generally decrease, consistent with the observed continued declining trend for the past 20 years following remediation.

Emerging contaminant sampling conducted during a prior reporting period demonstrates that PFAS and 1,4-dioxane are not present at levels of concern, or associated with the former source area or VOC impacts in groundwater at this Site.

3.2.5 Groundwater Monitoring Deficiencies

No groundwater monitoring deficiencies were identified during this reporting period. Deficiencies were noted during the prior reporting period and have been addressed as follows:

- Groundwater monitoring is slated to be performed every fifth quarter as per the SMP. Groundwater monitoring during prior reporting periods was conducted at irregular intervals due to ongoing revisions of the SMP prior to its approval and a transfer of property ownership. Under the approved SMP groundwater monitoring was conducted in 1Q 2024 and was also conducted in June 2025 (2Q 2025) in compliance with the SMP. Groundwater monitoring is presently scheduled to be performed in September 2026 (3Q 2026) and a five-quarter intervals thereafter, as shown on Table 3.2.5.1 (Section 8 – Tables). The prior deficiency in the monitoring schedule has been resolved.
- Groundwater monitoring was not conducted at well MW-13 in January 2024 as the well was not located and appears to have been destroyed during paving. Nearby well MW-12 was sampled and, based on prior data, provides substantially similar information as well MW-13. As noted in the May 2024 PRR (revised April 2025), which was accepted by the NYSDEC, it is not proposed to replace well MW-13.
- Groundwater monitoring was not conducted at well MW-14 in January 2024 as the well was not located during the sampling event. The area of well MW-14 was subsequently screened with a magnetic locating device and probed in an effort to find the well, but the well was not located and it was concluded that the well was destroyed during a winter snowplowing event. As noted in the May 2024 PRR (revised April 2025), which was accepted by the NYSDEC, it is not proposed to replace well MW-14.
- Groundwater monitoring conducted in January 2024 did not include the use of low-flow purging or sampling techniques, which are required as per the SMP. Low-flow purging and sampling were conducted during the June 2025 monitoring event, as feasible, and will be used during future monitoring events in compliance with the SMP.
- Water level measurements have typically been obtained only at the wells that are monitored. As there was some uncertainty in the groundwater flow directions derived from the January 2024 data, water level measurements will be obtained at additional water table wells during future groundwater monitoring events to provide additional data to assess groundwater flow directions.

3.2.6 Groundwater Monitoring Conclusions

Groundwater monitoring was conducted in June 2025 during the current reporting period, in compliance the schedule and in general accordance with the procedures in the SMP. The groundwater levels obtained from the water table wells indicate a southeast groundwater flow direction toward Neguntatogue Creek to the east and Great South Bay to the south and are generally consistent with prior measurements and the regional groundwater flow direction. The groundwater level at MW-2 was anomalous and further assessment was recommended and has been conducted.

No exceedances of the NYSDEC Standards were identified in downgradient wells MW-8, MW-9 or MW-12 in June 2025. The current and recent historic monitoring data indicate that generally low VOC impacts remained present at the Site from 2017 to the present, primarily in and downgradient of the former leaching pools (former source area). PCE somewhat exceeded its NYSDEC Standard in immediate downgradient proximity to the former source area (well MW-14) when this well was last sampled in 2017. No VOCs were detected above the NYSDEC Standards in 2017, 2024, or 2025 at any of the wells further downgradient, including wells MW-

8, MW-9, MW-12, and/or MW-13. These data indicate that the source of groundwater VOCs has been remediated and the site-related groundwater plume is decreasing in both size and concentration and is limited to the proximity of the former source area. It is likely that VOC concentrations in the downgradient groundwater will continue to generally decrease, consistent with the observed continued declining trend for the past 20 years following remediation.

Based on the June 2025 monitoring observations, results, and recommendations, wells MW-9 and MW-12 were redeveloped in April 2026 to remove accumulated sediment to facilitate low-flow sampling and more accurate water level readings in both wells. The top of casing relative elevations were also resurveyed for all the remaining wells in April 2026 to provide better information with which to assess the groundwater flow direction.

Based on the recent and historical monitoring results, continuation of the groundwater monitoring program in the SMP is recommended at this time. The monitoring program should include wells MW-8, MW-9, and MW-12, as noted in our August 26, 2025 groundwater monitoring report. If the additional data at MW-9 are consistent with prior data (no Site-related VOCs have been detected in this downgradient well since 2009 and no exceedances of the NYSDEC Standards have been noted since 2007), then termination of monitoring may be recommended for well MW-9.

3.3 SOIL VAPOR AND INDOOR AIR SAMPLING

Soil vapor and indoor air sampling were not performed during the monitoring period. As discussed in Section 3.1, the Site continues to be used for industrial purposes and products containing chlorinated VOCs, including PCE and methylene chloride, continued to be used onsite throughout the reporting period. If these conditions change, this sampling will be performed in accordance with the SMP. FPM has no recommendations for changes to the soil vapor and indoor air sampling.

3.4 SOIL SAMPLING

Soil sampling was not conducted during the reporting period as the cover (pavement over the LP-1 area and the concrete building slab) was not breached or removed and no excavation was conducted in either area. If the cover is breached, then soil sampling will be conducted in accordance with the SMP. FPM has no recommendations for changes to the soil sampling.

SECTION 4.0
OPERATION AND MAINTENANCE PLAN COMPLIANCE

The Site has no mechanical remedial systems requiring operation and maintenance and the SMP has no requirements for operation or maintenance of any such systems. If installation and operation of a mechanical system, such as a sub-slab depressurization system, becomes necessary, an O&M Plan will be prepared and submitted for NYSDEC approval, in consultation with the NYSDOH. In this case, the SMP will be modified to reflect the approved O&M Plan

SECTION 5.0
GREEN REMEDIATION EVALUATION
AND CLIMATE CHANGE VULNERABILITY ASSESSMENT

NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program, including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology.

5.1 GREEN REMEDIATION ASSESSMENT

The green remediation assessment included in this PRR was requested by the NYSDEC Project Manager and includes a discussion of green remediation techniques implemented during monitoring, inspection, and maintenance of the Site remedy during this reporting period. These techniques are intended to minimize waste generation and conserve energy and resources.

5.1.1 Waste Generation Minimization

Several types of waste are generated during site management activities, including vehicle emissions, wastewater, and used personal protective equipment (PPE). Vehicle emissions are minimized by using one vehicle to transport multiple personnel and their equipment to and from the Site for monitoring, maintenance, inspection, and other activities. Emissions are further minimized by scheduling multiple site management activities during each visit to reduce the number of vehicle trips to and from the Site. The reduction of vehicle trips also indirectly minimizes waste generation associated with vehicle maintenance and repairs.

Wastewater is generated from equipment decontamination and monitoring well purging prior to sampling. Generation of decontamination wastewater is minimized by using buckets to contain the wash water and initial rinsewater during use and using clean spray bottles filled with deionized water to complete the final rinse of each item being decontaminated. Typically, wash water and initial rinsewater used for decontamination purposes are obtained from a public water source at FPM's office and deionized water used for the final rinse is purchased from a grocery store. Deionized water is purchased in bulk and stored at FPM's office to minimize the number of trips needed to obtain supplies. Decontamination water is transported to the Site with the other supplies and equipment needed for sampling. Use of running hoses or other uncontrolled water sources is not permitted during decontamination. Generation of well purging wastewater is minimized by using low-flow techniques and terminating purging when stable conditions have been reached for each well.

Spent PPE is generated during each sampling or other event for which PPE is required. While PPE use cannot be eliminated, FPM takes steps to minimize generation of spent PPE. These include discarding PPE only when torn, soiled, or otherwise damaged in a manner that prevents it from protecting the wearer from hazards, cleaning PPE when feasible so it can be reused, and using the minimum amount of PPE required for each task. Spent PPE is typically disposed as ordinary solid waste to minimize the use of plastic bags or other containerization for disposal.

During this reporting period the locations of several former monitoring wells were exposed by digging holes at the location of each well to confirm their condition. The soil removed during this activity was placed back into each excavation and the overlying sod was carefully replaced.

These actions, which did not involve the areas under the Site cover, eliminated the need to dispose of any soil and reduced the need for post-excavation landscape maintenance.

5.1.2 Resource and Energy Conservation

Transportation to and from the Site, use of consumables in relation to visiting the Site to conduct inspections and/or collect samples, and shipping samples to a laboratory for analyses have direct and inherent resource and energy costs. The schedules and means of site management activities are prepared so that these tasks can be accomplished in a manner that does not impact the remedy protectiveness but reduces energy expenditure and/or resource use as feasible.

Use of fuel (gasoline) for transport is minimized by using one vehicle to transport multiple personnel and equipment to and from the Site for monitoring, maintenance, inspection, and other site management activities. Fuel use is further minimized by scheduling multiple site management activities during each visit to reduce the number of vehicle trips to and from the Site. The reduction of vehicle trips also indirectly minimizes resource use associated with vehicle maintenance and repairs. If power is needed to operate equipment at the Site, then an extension cord connected to the onsite building or a rechargeable battery pack is used as a power source, which eliminates both emissions and fuel use associated with a generator.

Sample shipment to the laboratory is typically accomplished by transporting the samples to FPM's office immediately following collection and then using a lab courier to pick up the samples for delivery to the lab. Coolers containing laboratory-provided containers for sampling are delivered to FPM's office in the same manner. The lab couriers typically schedule pickups and deliveries to multiple local environmental consultants each day, which minimizes their use of fuel and labor resources. This practice also minimizes use of financial resources needed for sampling programs. FPM does not ship samples directly to laboratories using Fed Ex or other delivery services unless absolutely necessary as these shipment methods use excess financial resources and have occasionally resulted in delivery of samples outside of holding times, which is extremely wasteful of financial, labor, and other resources.

Resource use is also minimized by recommending reduced sampling and/or reporting frequencies or other changes when supported by Site conditions. In the case of this Site, recommendations have been made and accepted to reduce the number of wells that are sampled to just those wells that provide useful information concerning Site-related groundwater conditions. It has also been determined that several of the Site's monitoring wells were previously abandoned or have been destroyed by snowplowing, paving, or other activities. An assessment of the value of these wells was made and, as it was determined that these wells were no longer expected to provide useful information concerning Site-related groundwater quality, replacement of these wells was not recommended. This recommendation minimized the use of resources and energy that would have been needed for well replacement.

5.2 CLIMATE CHANGE VULNERABILITY ASSESSMENT

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuations resulting from global climactic change and instability have the potential to significantly impact the performance, effectiveness and protectiveness of a given Site remedy and associated remedial systems. Vulnerability assessments provide information so that the Site

and associated remedial systems are prepared for potential impacts from the increasing frequency and intensity of severe storms/weather events and associated flooding.

As noted by the NYSDEC Project Manager, at this time completion of a Climate Screening Checklist is required. This Checklist has been completed and a copy is provided in Appendix F. This Checklist summarizes the vulnerability of the Site to severe storms/weather events, flooding, and other potential hazards. Attachments to this checklist provide additional information and supporting documentation. Based on this assessment, no further action is recommended based on the information available at this time.

SECTION 6.0
CONCLUSIONS AND RECOMMENDATIONS

The overall condition of the Site and compliance with the requirements of the SMP and EE are evaluated in this section. This section also includes conclusions and any recommendations for changes in the SMP.

6.1 COMPLIANCE WITH SMP

Assessment of the overall Site condition and compliance with the SMP during the reporting period was performed during the Site-wide inspections conducted on June 2, 2025 and April 28, 2026. The complete Site-Wide Inspection Checklists and photologs documenting the Site conditions are included in Appendix C. The Site's compliance with the SMP is summarized in the following sections.

6.1.1 EC/IC Plan Compliance

- The cover EC (pavement in the LP-1 area and the concrete building slab) remained in place and was not breached during the reporting period. No change is recommended for the cover EC.
- The remaining wells that comprise the groundwater monitoring system EC (wells MW-1, MW-2, MW-6, MW-8, MW-9, MW-10, and MW-12) remained in place throughout the reporting period. Wells MW-13 and MW-14 could not be located during prior monitoring events and were determined to have been destroyed or paved over. MW-14 is not planned to be replaced as the most recent groundwater data from this well are indicative of a limited residual condition that is unlikely to change significantly. MW-13 is not planned to be replaced as nearby well MW-12 provides substantially similar information. Wells MW-3, MW-4, and MW-7 were formerly located in a grassy area to the south of the Site building; this area was investigated and these wells were determined to have been previously abandoned. Wells MW-5 and MW-11 were formerly located offsite in a public park to the north of the Site. The former locations of these wells were evaluated and it was determined that they were likely destroyed by snowplowing. None of these wells is recommended to be replaced at this time. No other changes are recommended for the groundwater monitoring system EC.
- ICs required for the Site, as enumerated in the EE, have been implemented, including restrictions on Site use, inclusion of appropriate information in Site conveyance documents, and prohibition of groundwater use. The Site has been used for industrial purposes (screen printing and embroidery) throughout the reporting period, in compliance with the EE. No conveyance documents have been executed since the EE was recorded. Groundwater use did not occur during the reporting period. All the ICs, as applicable, remained fully implemented during the reporting period. No changes are recommended for the ICs.

6.1.2 Monitoring Plan Compliance

- Site-wide inspections were conducted in in June 2025 and April 2026 during this reporting period to assess Site compliance with all ICs, evaluate the condition and continued effectiveness of the ECs, confirm that site management activities are being

conducted, and confirm that Site records are up to date. The inspections confirmed that the Site is in compliance with the EC and IC requirements and the EE and SMP. No changes are recommended for the annual Site-wide inspection component of the monitoring plan.

- Groundwater monitoring for VOCs was conducted during June 2025 (2Q 2025) during this reporting period, in compliance with the SMP. The next monitoring is scheduled for September 2026 (3Q 2026), also in compliance with the monitoring schedule in the SMP. No changes are recommended for the groundwater monitoring program.
- Soil sampling and soil vapor/indoor air sampling were not conducted during the reporting period as the conditions that would trigger sampling of these media did not occur. No changes are recommended for these aspects of the monitoring plan in the SMP.

6.2 PERFORMANCE AND EFFECTIVENESS OF THE REMEDY

The remedy has been implemented and managed during this reporting period in general compliance with the SMP approved by the NYSDEC in January 2024. The remedy continues to perform effectively and protect the public from the remaining residual materials at the Site.

The cover remains present and in good condition over the remaining soil contamination at the Site. The groundwater monitoring system remains largely present and operational to allow for monitoring of groundwater conditions in and downgradient of the source area. Downgradient well MW-12 remains functional and provides for groundwater quality monitoring in the vicinity of Neguntatogue Creek. Several monitoring wells have been abandoned or destroyed and are not scheduled to be replaced at this time. If downgradient groundwater exhibits increases in Site-related VOCs during future monitoring events, then well replacement may be considered.

The approved Site use is industrial. The Site was occupied and used for screen printing and embroidery throughout the reporting period; this use is an industrial use. Site use is consistent with the approved use and is protective.

Groundwater monitoring was conducted during this reporting period in general compliance with the SMP. The monitoring results were consistent with the anticipated continuing decline in Site-related VOC impacts. Monitoring for PFAS and 1,4-dioxane was conducted during a prior reporting period and demonstrated that these emerging contaminants do not present a concern for the Site. Groundwater monitoring has been effective for documenting the continued improvement in Site-related groundwater quality following remediation.

Soil vapor beneath the Site building is impacted by chlorinated solvents, primarily PCE, TCE and 1,1,1-TCA, all of which were formerly present in the source area. Residual concentrations of PCE (meeting applicable NYSDEC soil cleanup objectives for residential use and the use of the property) remained present in soil in one former leaching pool in this area following remediation and likely contribute to soil vapor conditions. Soil vapor conditions appear to have been affected by paving of the former source area in proximity to the building and by the lower water table observed in 2015. Soil vapor samples previously collected from onsite locations outside of the Site building did not contain elevated levels of VOCs and indicated that soil vapors dissipate away from the Site building. There does not appear to be the potential for SVI other than at the Site building.

Indoor air quality does not appear to be affected by SVI but does appear to be affected by ambient air conditions and the use of certain chemicals containing PCE and/or methylene chloride within the building. Based on the apparent absence of SVI and the ongoing use of certain chemicals within the Site building, SVI mitigation is not warranted at this time.

6.3 RECOMMENDATIONS

Based on the current Site conditions, FPM has no recommendations for changes to the remedy.

- Should the use of certain VOC chemicals cease, the Site use change, or additional data indicate that SVI is occurring, then SVI mitigation may be warranted.

SECTION 7.0
FIGURES

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1 MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

SOURCE: USGS BAY SHORE WEST TOPOGRAPHIC QUADRANGLE, 2016

FPM GROUP

FIGURE 1.3.1
SITE LOCATION MAP

CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Drawn By: B.F.	Checked By: S.D.	Date: 3/26/25

H:\CARDWELL\SMP\FIGURE 1.3.1 250326.dwg, 3/26/2025 2:07:07 PM, Adobe PDF.pc3

SOURCE: TOWN OF BABYLON TAX ASSESSOR MAP, 2017

APPROXIMATE SCALE IN FEET

0 100 200

LEGEND

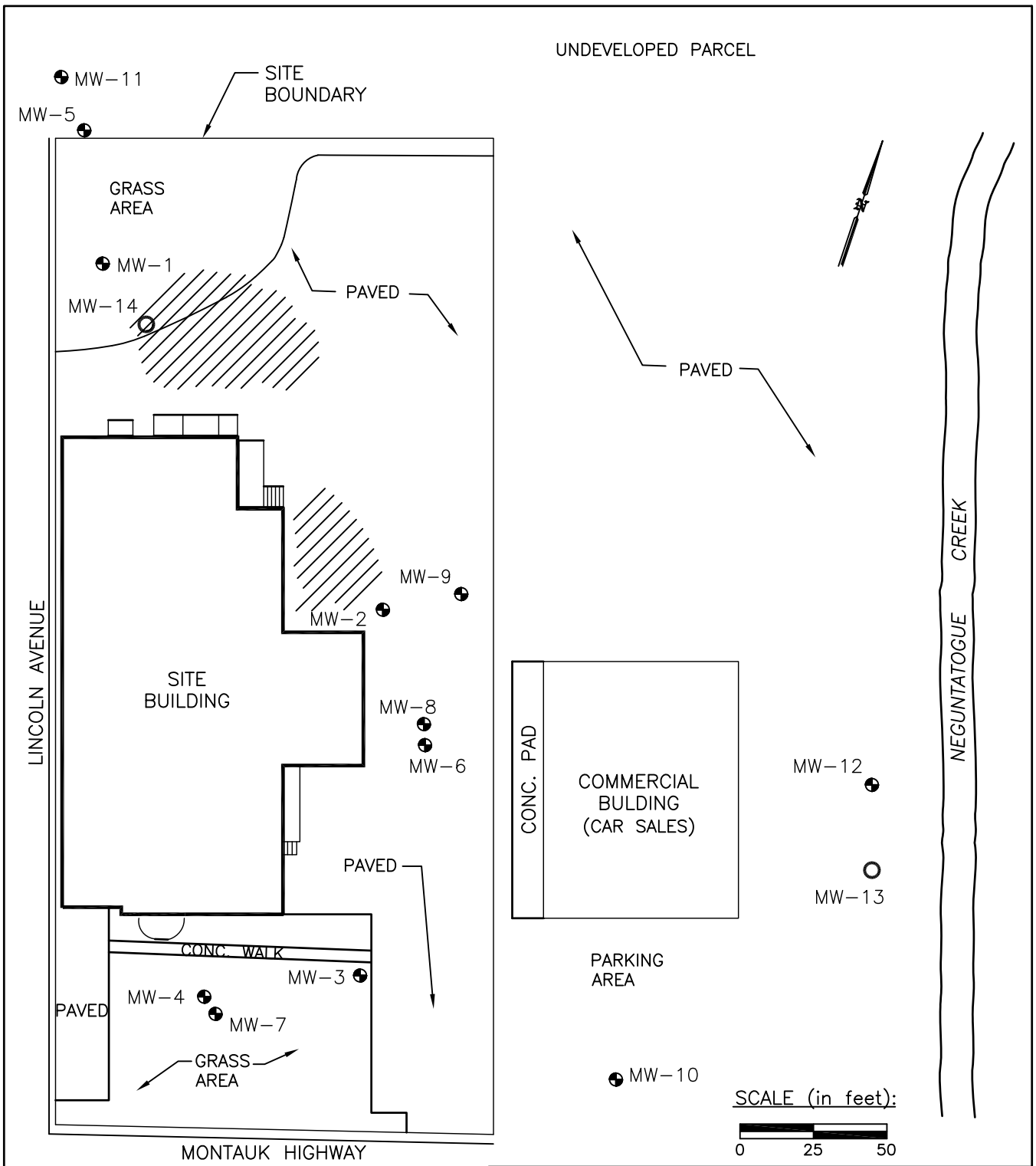
SITE BOUNDARY

FPM GROUP

FIGURE 1.3.2
SITE LOCATION AND BOUNDARIES
CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Drawn By: B.F.	Checked By: S.D.	Date: 3/26/25

H:\CARDWELL\SMP\FIGURE 1.3.2 250326.dwg, 3/26/2025 2:06:33 PM, Adobe PDF.pc3

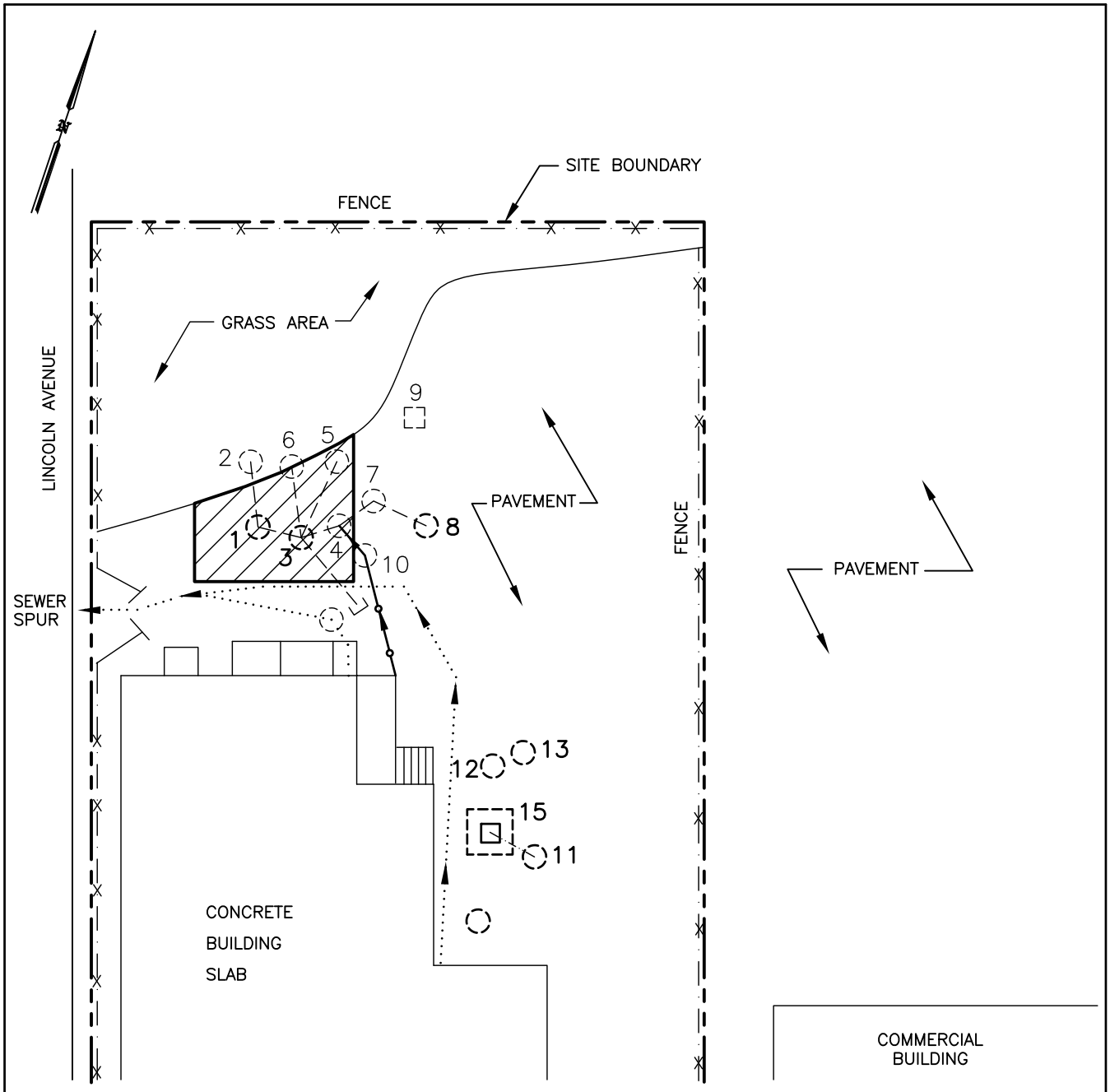


FPM GROUP

FIGURE 1.3.3
SITE LAYOUT
CARDWELL CONDENSER CORPORATION SITE
LINDENHURST, NEW YORK

Drawn By: H.C.	Checked By: S.D.	Date: 5/28/25

H:\CARDWELL\SMP\FIGURE 1.3.3 250528.dwg, 5/29/2025 9:08:01 AM, Adobe PDF.pc3



LEGEND

- 15 — FORMER SEPTIC TANK
- 9 — CATCH BASIN ASSOCIATED WITH A FORMER ROOF DRAIN
- 2 — LEACHING POOLS (REMEDIATED LEACHING POOLS AND NUMBERS SHOWN IN BOLD)
- NON–CONTACT COOLING WATER
- FORMER CONNECTIONS
- SEWER CONNECTION
- COVER AREA

SCALE (in feet): 0 20 40

FPM GROUP

FIGURE 2.1.1.1
COVER AREA
CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Drawn By: B.F.	Checked By: S.D.	Date: 3/26/25

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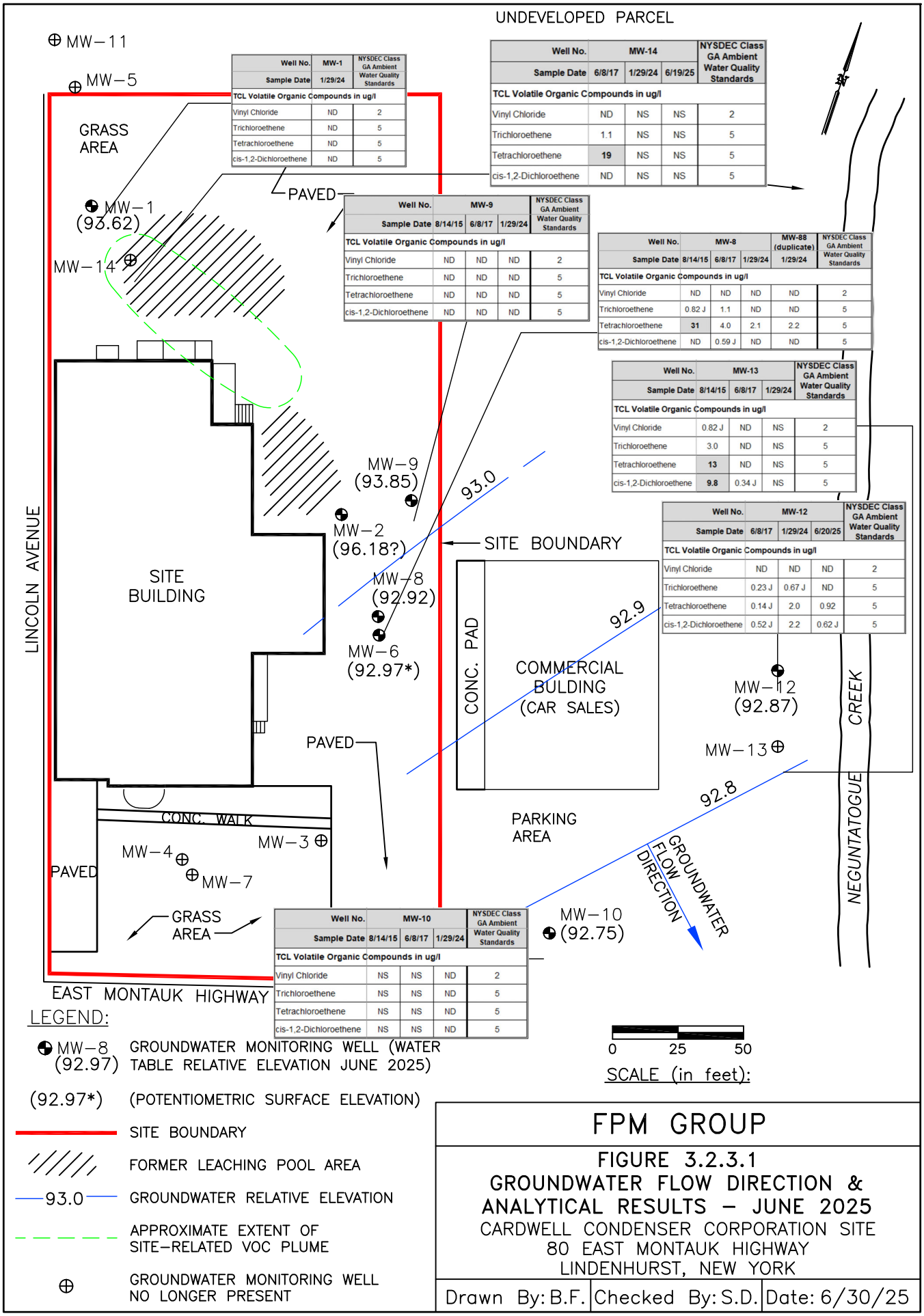


Well No.	MW-1	NYSDEC Class GA Ambient Water Quality Standards
Sample Date	1/29/24	
TCL Volatile Organic Compounds in ug/l		
Vinyl Chloride	ND	2
Trichloroethene	ND	5
Tetrachloroethene	ND	5
cis-1,2-Dichloroethene	ND	5

Well No.	MW-14			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/19/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	NS	NS	2
Trichloroethene	1.1	NS	NS	5
Tetrachloroethene	**19**	NS	NS	5
cis-1,2-Dichloroethene	ND	NS	NS	5

Well No.	MW-9			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	8/14/15	6/8/17	1/29/24	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	ND	ND	2
Trichloroethene	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	5

Well No.	MW-8			MW-88 (duplicate)	NYSDEC Class GA Ambient Water Quality Standards
Sample Date	8/14/15	6/8/17	1/29/24	1/29/24	
TCL Volatile Organic Compounds in ug/l					
Vinyl Chloride	ND	ND	ND	ND	2
Trichloroethene	0.82 J	1.1	ND	ND	5
Tetrachloroethene	**31**	4.0	2.1	2.2	5
cis-1,2-Dichloroethene	ND	0.59 J	ND	ND	5

Well No.	MW-13			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	8/14/15	6/8/17	1/29/24	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	0.82 J	ND	NS	2
Trichloroethene	3.0	ND	NS	5
Tetrachloroethene	**13**	ND	NS	5
cis-1,2-Dichloroethene	**9.8**	0.34 J	NS	5

Well No.	MW-12			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/20/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	ND	ND	2
Trichloroethene	0.23 J	0.67 J	ND	5
Tetrachloroethene	0.14 J	2.0	0.92	5
cis-1,2-Dichloroethene	0.52 J	2.2	0.62 J	5

Well No.	MW-10			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	8/14/15	6/8/17	1/29/24	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	NS	NS	ND	2
Trichloroethene	NS	NS	ND	5
Tetrachloroethene	NS	NS	ND	5
cis-1,2-Dichloroethene	NS	NS	ND	5

LEGEND:

- MW-8 (92.97) — GROUNDWATER MONITORING WELL (WATER TABLE RELATIVE ELEVATION JUNE 2025)
- (92.97*) — (POTENTIOMETRIC SURFACE ELEVATION)
- SITE BOUNDARY
- FORMER LEACHING POOL AREA
- 93.0 — GROUNDWATER RELATIVE ELEVATION
- APPROXIMATE EXTENT OF SITE-RELATED VOC PLUME
- GROUNDWATER MONITORING WELL NO LONGER PRESENT

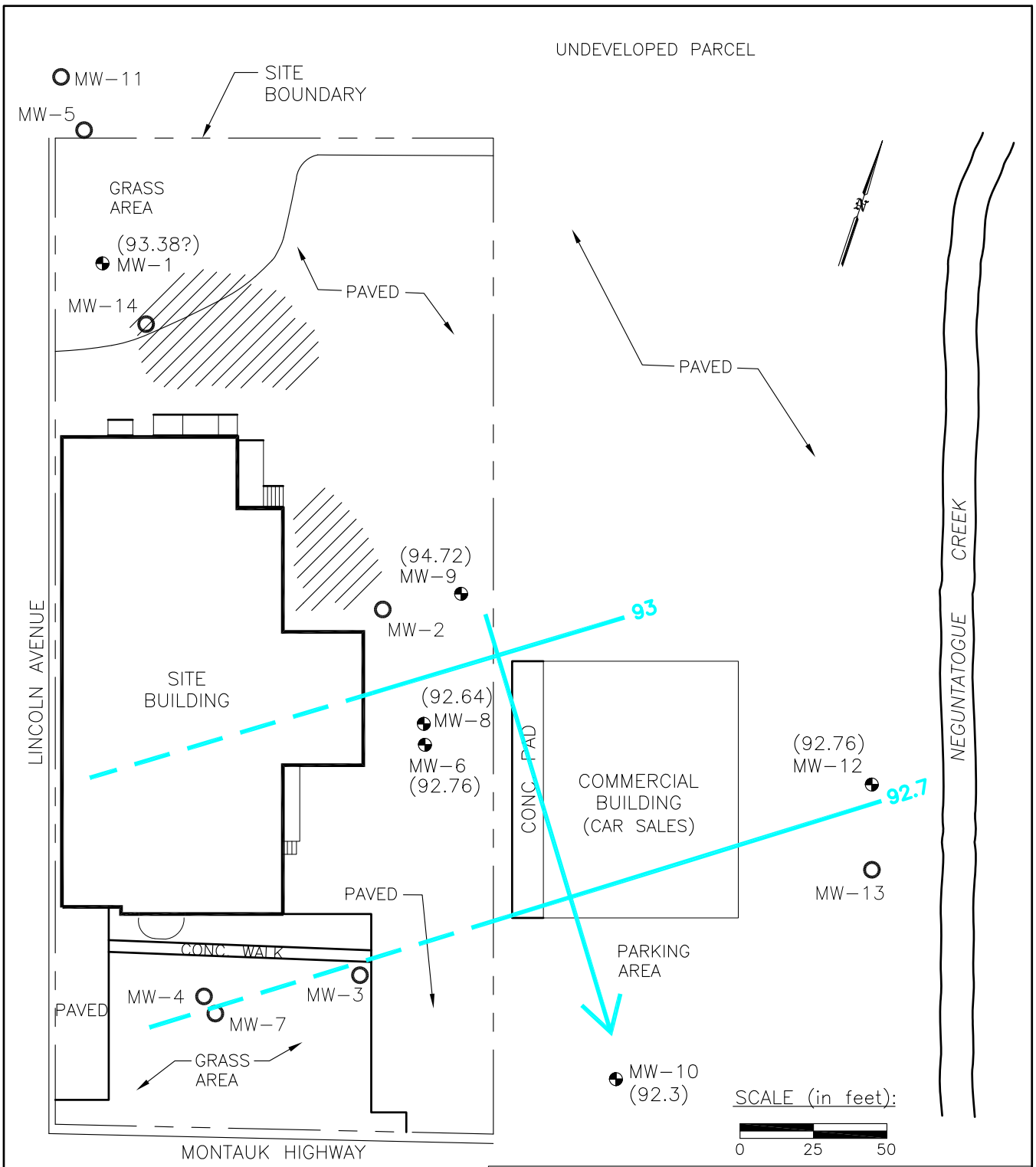
FPM GROUP

FIGURE 3.2.3.1
GROUNDWATER FLOW DIRECTION & ANALYTICAL RESULTS – JUNE 2025

CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Drawn By: B.F. | Checked By: S.D. | Date: 6/30/25

H:\CARDWELL\VIKING 80 EAST PROP\FIGURE 3.2.3.1 260527.dwg, 5/27/2026 10:58:18 AM, Adobe PDF.pc3



LEGEND:

- MW-8 GROUNDWATER MONITORING WELL
- MW-14 FORMER MONITORING WELL LOCATION
- SITE BOUNDARY
- FORMER LEACHING POOL AREA

FPM GROUP

FIGURE 3.2.3.2
GROUNDWATER FLOW DIRECTION – APRIL 2026
CARDWELL CONDENSER CORPORATION SITE
LINDENHURST, NEW YORK

Drawn By: H.C.	Checked By: S.D.	Date: 5/26/26

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SECTION 8.0
TABLES

TABLE 3.2.3.1
WATER TABLE DATA
CARDWELL CONDENSER SITE
80 EAST MONTAUK HIGHWAY, LINDENHURST, NEW YORK

Well No.	Well Depth when Constructed (ft)	Screened Interval (in ft. below grade)	Top of Casing rel. elev. (historic, ft)	Top of Casing rel. elev. (ft) April 2026	Depth to Water (ft) 12/10/09	Water Table Relative Elev. (ft)	Depth to Water (ft) 8/14/15	Water Table Relative Elev. (ft)	Depth to Water (ft) 6/8/17	Water Table Relative Elev. (ft)	Depth to Water (ft) 4/17/18	Water Table Relative Elev. (ft)	Depth to Water (ft) 1/29/24	Water Table Relative Elev. (ft)	Depth to Water (ft) 6/19/2025	Water Table Relative Elev. (ft)	Depth to Bottom (ft) 4/28/26	Depth to Water (ft) 4/28/26	Water Table Relative Elev. (ft)
MW-1*	NA	NA	100.89	100.55	-	-	-	-	-	-	6.71	94.18	6.81	94.08	7.27	93.62	25.81	7.51	93.04
MW-2*	NA	NA	100.00	-	-	-	-	-	-	-	-	-	-	-	3.82	96.18	-	-	-
MW-6**	NA	NA	97.24	97.05	-	-	-	-	-	-	-	-	-	-	4.27	92.97	62.61	4.48	92.57
MW-8*	NA	NA	97.34	97.25	4.12	93.22	4.41	92.93	4.37	92.97	4.34	93.00	4.65	92.69	4.42	92.92	14.62	4.70	92.55
MW-9*	NA	NA	96.70	96.47	3.53	93.17	3.88	92.82	3.85	92.85	-	-	1.59	95.11	2.85	93.85	4.48	1.98	94.49
MW-10*	13	1.5 - 13	95.58	95.41	-	-	-	-	-	-	-	-	2.23	93.35	2.83	92.75	12.31	3.11	92.30
MW-12*	16	4 - 16	96.99	96.99	4.45	92.54	4.48	92.51	4.42	92.57	-	-	4.70	92.29	4.12	92.87	9.81	4.23	92.76
MW-13*	16	4 - 16	96.95	-	4.40	92.55	4.42	92.53	4.37	92.58	-	-	-	-	-	-	-	-	-
MW-14*	NA	NA	97.89	-	4.22	93.67	4.63	93.26	4.60	93.29	4.58	93.31	-	-	-	-	-	-	-

Notes:
* = Denotes water table well (emergent screen)
** = Denotes deeper well (submerged screen)
NA = Well depth information not available.

TABLE 3.2.3.2
GROUNDWATER CHEMICAL ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
CARDWELL CONDENSER SITE
LINDENHURST, NEW YORK

Well No.	MW-1	MW-8													MW-88 (duplicate)	MW-8	MW-85 (duplicate)	MW-9														MW-10												NYSDEC Class GA Ambient Water Quality Standards
Sample Date	1/29/24	6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	4/19/11	10/1/13	8/14/15	6/8/17	1/29/24		6/19/25		6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	4/19/11	10/1/13	8/14/15	6/8/17	1/29/24	6/20/25	6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	10/1/13	8/14/15	6/8/17	1/29/24	
Target Compound List Volatile Organic Compounds in micrograms per liter (ug/l)																																										
Vinyl Chloride	ND	ND	ND	0.5 JM	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**57.2**	ND	**4 JM**	0.8 J	ND	**4.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	2
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.40 JB	0.33 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.40 JB	0.32 JB	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.22 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	1.3 JB	2.8 J*B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 J	6 J	ND	ND	27 B	12 *B	39	ND	4.1 J	ND	36	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**21.0 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**32.8 J**	ND	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	0.47 J	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	0.10 J	ND	0.12 J	ND	ND	0.86 J	0.74 J	5.7	5.2	ND	ND	ND	ND	ND	ND	ND	0.42 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.41 J	7
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	5.2 J	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Methyl tert butyl ether	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**41.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Trichloroethene	ND	**21.9 J**	3 J	4 J	3 J	3 J	0.77 J	ND	0.62 J	0.28 J	1.1	0.82 J	1.1	ND	ND	ND	ND	**62.3**	0.5 J	**8 J**	0.8 J	1 J	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	0.722 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.087 J	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	1
Tetrachloroethene	ND	**368**	**97**	**70**	**120**	**88 B**	**34**	**12**	**25**	1.3 J	**29**	**31**	4.0	2.1	2.2	2.6	2.9	**279**	**6 J**	**160**	**14**	**16 B**	**53**	**11**	0.11 J	ND	ND	ND	ND	ND	ND	0.652 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10.4 J**	ND	ND	ND	ND	0.90 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
cis-1,2-Dichloroethene	ND	**23.9 J**	5 J	3 J	**6 J**	1 J	ND	ND	0.22 J	0.12 J	0.66 J	ND	0.59 J	ND	ND	ND	ND	**580**	0.7 J	**44**	3 J	1 J	**6.7 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
trans-1,2-Dichloroehtene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
Total Volatile Organic Compounds	0.59	413.8	105	77.5	131	92	34.77	12	27.54	7.03	30.88	31.82	7.39	2.96	2.96	8.3	8.1	1,121.32	7.2	216	27.6	24	68.5	11	30.45	17.52	40.087	0.47	4.1	ND	36.0	1.374	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.41	-

Notes:
ND = Not detected at or above instrument detection limit.
NS = Not sampled
J = Estimated concentration less than the quantitation limit but greater than the instrument detection limit.
B = Compound detected in an associated blank sample.
- = Not established.
* = The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
NYSDEC = New York State Department of Environmental Conservation.
Bold shaded values exceed the NYSDEC Class GA Ambient Water Quality Standard.

TABLE 3.2.3.2 (CONTINUED)
GROUNDWATER CHEMICAL ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
CARDWELL CONDENSER SITE
LINDENHURST, NEW YORK

Well No.	MW-12														MW-13**													MW-14**												NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**1/5/00**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	**6/20/25**	**1/5/00**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	**5/8/02**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter (ug/l)																																								
Vinyl Chloride	ND	ND	NS	NS	NS	NS	NS	0.41 J	ND	**8.4**	0.60 J	ND	ND	ND	ND	NS	2 J	0.7 J	ND	ND	0.24 JM	ND	ND	0.70 J	0.82 J	ND	NS	**17 J**	ND	**33**	**4 J**	ND	**6.4 J**	**4.4 J**	**4.4 J**	ND	ND	ND	ND	ND	NS	2
Methylene Chloride	ND	ND	NS	NS	NS	NS	NS	0.44 JB	0.38 JB	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	0.42 JB	0.31 JB	ND	ND	0.25 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.50 JB	0.37 JB	ND	ND	ND	NS	5*
Chloromethane	ND	ND	NS	NS	NS	NS	NS	0.19 J	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	-
Chloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Acetone	ND	ND	NS	NS	NS	NS	NS	1.1 JB	3.6 J*B	ND	ND	2.3 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	3.0 JB	3.6 J*B	ND	ND	1.7 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	19 B	5.6 J*B	ND	ND	2.2 J	NS	-
Carbon Disulfide	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	0.21 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	-
1,1-Dichloroethene	ND	ND	NS	NS	NS	NS	NS	ND	ND	0.16 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
1,1-Dichloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37 J	0.64 J	1.7	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.40 J	0.41 J	1.7	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75 J	ND	ND	NS	5
Chloroform	ND	ND	NS	NS	NS	NS	NS	0.10 J	ND	ND	ND	0.35 J	0.36 J	ND	ND	NS	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	0.33 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.59 J	ND	ND	ND	ND	NS	7
Methyl Ethyl Ketone	ND	ND	NS	NS	NS	NS	NS	ND	3.4 J	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	4.2 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	6.0 J	ND	ND	ND	NS	50
Bromodichloromethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	NS	50
Dibromochloromethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	0.18 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.54 J	ND	ND	ND	ND	NS	50
1,1,1-Trichloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Trichloroethene	**8 J**	0.9 J	NS	NS	NS	NS	NS	1.5 J	ND	2.5	1.8	0.23 J	0.67 J	ND	**20**	NS	1 J	1 J	0.4 J	1.5 J	ND	ND	ND	0.24 J	3.0	ND	NS	**53**	3 J	**13**	**11**	3 J	4.4 J	2.5 J	2.5 J	ND	ND	0.21 J	1.2	1.1	NS	5
Bromoform	ND	ND	NS	NS	NS	NS	NS	0.11 J	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	NS	50
Benzene	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	1
Tetrachloroethene	**270**	3 J	NS	NS	NS	NS	NS	**45**	0.19 J	2.9	**7.6**	0.14 J	2.0	0.92	**6 J**	NS	**120**	**19**	**12 B**	**52**	2.5 J	0.87 J	ND	ND	**13**	ND	NS	**300**	**53**	**17**	**56**	**54 B**	**9.4 J**	**8.0 J**	**8.0 J**	ND	ND	2.3	**14**	**19**	NS	5
Toluene	0.5 J	ND	NS	NS	NS	NS	NS	ND	ND	0.88 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	ND	ND	NS	5
Chlorobenzene	0.7 J	ND	NS	NS	NS	NS	NS	ND	ND	0.92 J	ND	ND	0.66 J	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.38 J	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Styrene	0.4 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
4-Methyl-2-pentanone	2 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	50
Xylene (total)	0.6 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
cis-1,2-Dichloroethene	3 J	2 J	NS	NS	NS	NS	NS	**16**	ND	**50**	**6.1**	0.52 J	2.2	0.62 J	2 J	NS	**18**	5 J	2 J	**14**	1.3 J	ND	ND	1.5	**9.8**	0.34 J	NS	**150**	2 J	**171**	**28**	3 J	**36**	**20**	**20**	ND	ND	ND	ND	ND	NS	5*
trans-1,2-Dichloroethene	ND	ND	NS	NS	NS	NS	NS	0.15 J	ND	0.48 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5*
Total Volatile Organic Compounds	285.2	5.9	NS	NS	NS	NS	NS	65	7.57	66.61	16.14	5.42	5.89	ND	28	NS	141	25.7	14.4	67.5	4.04	4.5	8.1	2.84	26.59	4.32	NS	524	58	234	99	60	56.2	34.9	34.9	22.79	11.97	1.18	15.2	22.3	NS	-

Notes:

ND = Not detected at or above instrument detection limit.
NS = Not sampled
J = Estimated concentration less than the quantitation limit but greater than the instrument detection limit.
B = Compound detected in an associated blank sample.
- = Not established.
* = The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
** = Well was destroyed between 2017 and 2024.
NYSDEC = New York State Department of Environmental Conservation.
Bold shaded values exceed the NYSDEC Class GA Ambient Water Quality Standard.

FPM

TABLE 3.2.3.3
EMERGING CONTAMINANT SAMPLING RESULTS
CARDWELL CONDENSER CORPORATION SITE #152035
80 EAST MONTAUK HIGHWAY, LINDENHURST, NEW YORK

Sample Location	MW-1	MW-8	MW-14	MW-14D	FB	NYSDEC Guidance Values (April 2023)
Sample Date	4/17/18					
Perfluorinated Alkyl Substances in nanograms per liter (ng/l)						
Perfluorobutanoic acid (PFBA)	ND	ND	ND	ND	ND	-
Perfluoropentanoic acid (PFPeA)	ND	ND	ND	ND	ND	-
Perfluorohexanoic acid (PFHxA)	ND	ND	ND	ND	ND	-
Perfluoroheptanoic acid (PFHpA)	ND	ND	0.108 J	ND	ND	-
Perfluorooctanoic acid (PFOA)	0.833 JB	0.883 JB	0.917 JB	0.880 JB	0.996 JB	6.7
Perfluorononanoic acid (PFNA)	0.292 J	0.342 J	0.338 J	0.312 J	ND	-
Perfluorodecanoic acid (PFDA)	ND	ND	ND	ND	ND	-
Perfluoroundecanoic acid (PFUnA)	ND	ND	ND	ND	ND	-
Perfluorododecanoic acid (PFDoA)	ND	ND	ND	ND	ND	-
Perfluorotridecanoic Acid (PFTriA)	ND	ND	ND	ND	ND	-
Perfluorotetradecanoic acid (PFTeA)	ND	ND	ND	ND	ND	-
Perfluorobutanesulfonic acid (PFBS)	ND	ND	ND	ND	ND	-
Perfluorohexanesulfonic acid (PFHxS)	ND	ND	ND	ND	ND	-
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ND	ND	ND	-
Perfluorodecanesulfonic acid (PFDS)	ND	ND	ND	ND	ND	-
Perfluorooctanesulfonic acid (PFOS)	0.238 J	0.192 J	ND	ND	0.324 J	2.7
Perfluorooctane Sulfonamide (FOSA)	ND	ND	ND	ND	ND	-
n-methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)	ND	ND	ND	ND	ND	-
N-ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)	ND	ND	ND	ND	ND	-
6:2FTS	ND	ND	ND	ND	ND	-
8:2FTS	ND	ND	ND	ND	ND	-
1, 4 - Dioxane in nanograms per liter (ng/l)						
1,4-Dioxane	0.0961 J	0.145 J	0.129 J	0.132 J	0.0938 J	350***

Notes:

ND = Not detected.

J = Result is an estimated value below the reporting limit.

B = Analyte detected in an associated Method Blank.

FPM

TABLE 3.2.5.1
GROUNDWATER MONITORING SCHEDULE
CARDWELL CONDENSER SITE
LINDENHURST, NEW YORK

Monitoring Schedule (general)	1Q 2024	2Q 2025	3Q 2026	4Q 2027	1Q 2029	2Q 2030	3Q 2031	4Q 2032	1Q 2034	2Q 2035
Monitoring Date (completed events only)	1/29/24	6/19/25								
Wells Monitored	MW-1, MW-8, MW-9, MW-10, MW-13, MW-14	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12	MW-8, MW-9, MW-12

Notes:
Schedule includes monitoring events following SMP approval (January 2024)
Schedule shown through 2035 for illustrative purposes. Schedule modifications may be made if approved by the NYSDEC.

APPENDIX A

REGULATORY AGENCY CORRESPONDENCE

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

July 02, 2025

Buccino Realty, LLC
Peter Buccino
80 EAST MONTAUK HWY.
LINDENHURST, N.Y., NY 11757

Re: Site Management (SM) Periodic Review Report (PRR) Response Letter

Cardwell Condenser Corporation, Site No.: 152035
Lindenhurst (V), Suffolk County

Dear Peter Buccino (as the Certifying Party):

The Department has reviewed your Periodic Review Report (PRR) and IC/EC Certification for following period: April 15, 2024 to April 15, 2025.

The Department hereby accepts the PRR and associated Certification. The frequency of Periodic Reviews for this site is 1 year, your next PRR is due on June 1, 2026. You will receive a reminder letter and updated certification form 75-days prior to the due date. Regardless of receipt or not, of the reminder notice, the next PRR including the signed certification form, is still due on the date specified above.

If you have any questions, or need additional forms, please contact me at 518-402-9176 or e-mail: jared.donaldson@dec.ny.gov.

Sincerely,

Jared Donaldson

Jared Donaldson
Project Manager

ec: Richard Mustico
Bob Corcoran
Girish Desai
Jennifer Andaloro (OGC)
Stephanie Selmer (DOH)
Michael Izdebski (DOH)
Barry Cohen (Certilman Balin)
Stephanie Davis (FPM)
Ben Cancemi (FPM)

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

August 22, 2025

Buccino Realty, LLC
Peter Buccino
80 EAST MONTAUK HWY.
LINDENHURST, N.Y., NY 11757

Re: June 2025 Groundwater Monitoring Report
Cardwell Condenser Corporation, Site No.: 152035
Lindenhurst (V), Suffolk County

Dear Peter Buccino:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the Draft Periodic Review Report dated July 2025 for the above referenced site and reject it with the following comments:

- General: Based on monitoring well construction information provided in the 2025 Periodic Review Report and the depth to well bottom provided in the June 2025 field forms, it appears that the screen in MW-9 is almost entirely filled with sediment and the sample collected from this location may not be representative of actual groundwater conditions. Presently, the Department and NYSDOH do not agree with the recommendation to remove MW-9 from the monitoring well network. Please proceed with redevelopment of the well and continued sampling as part of the monitoring program. Removal from the monitoring program can be reassessed once representative data is evaluated.

- Groundwater Monitoring Results – Groundwater Flow Direction: It appears the groundwater elevation anomaly observed in the central portion of the site (MW-2) has been observed during consecutive monitoring events. To ensure accurate groundwater contours, the elevated readings may be worth further investigation/discussion if they appear during the next monitoring event.

- Table 1 – Water Table Data: Please amend Table 1 to include depth to well bottoms and historical constructed well depths and screened intervals to help assess the condition of the monitoring well network and to inform decisions regarding monitoring well redevelopment.

- Attachment A – Well Sampling Data Forms: Measurements to determine groundwater parameter stability were collected every two minutes. Measurements are considered stable when indicator parameters have stabilized for three consecutive five-minute readings, per EPA Region 2's Low Stress

Groundwater Sampling Protocol. Additionally, low flow sampling should have a set flow rate of 300-500 mL/min which is difficult to achieve with a bailer. Please ensure proper low-flow sampling technique for future sampling events, consider using a peristaltic pump to achieve stable flow rates.

Please revise and resubmit a revised report within 30 days of the date of this letter. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,

Jared Donaldson

Jared Donaldson
Project Manager

ec: Richard Mustico
Bob Corcoran
Girish Desai
Jennifer Andaloro (OGC)
Stephanie Selmer (DOH)
Michael Izdebski (DOH)
Barry Cohen (Certilman Balin)
Stephanie Davis (FPM)
Ben Cancemi (FPM)

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor

AMANDA LEFTON
Commissioner

August 28, 2025

Buccino Realty, LLC
Peter Buccino
80 EAST MONTAUK HWY.
LINDENHURST, N.Y., NY 11757

Re: June 2025 Groundwater Monitoring Report
Cardwell Condenser Corporation, Site No.: 152035
Lindenhurst (V), Suffolk County

Dear Peter Buccino:

The New York State Departments of Environmental Conservation (Department) and Health (NYSDOH) have reviewed the Draft Groundwater Monitoring Report dated August 2025 for the above referenced site and find it to be acceptable. If you have any questions, please feel free to contact me at 518-402-9176 or jared.donaldson@dec.ny.gov.

Sincerely,

Jared Donaldson

Jared Donaldson
Project Manager

ec: Richard Mustico
Bob Corcoran
Girish Desai
Jennifer Andaloro (OGC)
Stephanie Selmer (DOH)
Michael Izdebski (DOH)
Barry Cohen (Certilman Balin)
Stephanie Davis (FPM)
Ben Cancemi (FPM)

NEW YORK STATE | Department of Environmental Conservation

KATHY HOCHUL
Governor
AMANDA LEFTON
Commissioner

3/24/2026

Peter Buccino
Owner
Buccino Realty, LLC
80 EAST MONTAUK HWY.
Lindenhurst, N.Y., NY 11757
peter.buccino@vikingsolutions.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal
Site Name: Cardwell Condenser Corporation
Site No.: 152035
Site Address: 80 East Montauk Highway
Lindenhurst (V), NY 11757

Dear Peter Buccino:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at http://www.dec.ny.gov/regulations/67386.html) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **June 01, 2026**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Qualified Environmental Professional (QEP). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.

All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

https://www.dec.ny.gov/chemical/62440.html

Documents may be submitted to the project manager by contacting the project manager for a link to DEC's file transfer service.

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Jared Donaldson, the Project Manager, at 518-402-9176 or jared.donaldson@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
Division of Environmental Remediation, BURA
625 Broadway
Albany, NY 12233-7015

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Buccino Realty, LLC - peter.buccino@vikingsolutions.com

ec: w/ enclosures

Jared Donaldson, Project Manager

Bob Corcoran, Section Chief
Girish Desai, Hazardous Waste Remediation Supervisor, Region 1

FPM Group - Stephanie Davis - s.davis@fpm-group.com

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7**):**

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.

- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.

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. 152035

Site Name Cardwell Condenser Corporation

Site Address: 80 East Montauk Highway Zip Code: 11757
City/Town: Lindenhurst (V)
County: Suffolk
Site Acreage: 1.200

Reporting Period: May 02, 2025 to May 02, 2026

	YES	NO
1. Is the information above correct?	☐	☐
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?	☐	☐
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☐
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☐
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?	☐	☐

Box 2

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

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

SITE NO. 152035 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
19-3-48	Buccino Realty, LLC	Decision Document Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

The property may be used for industrial use only;

All Engineering Controls must be operated and maintained as specified in the Site Management Plan;

All Engineering Controls must be inspected at a frequency and in a manner defined in the Site Management Plan;

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Suffolk County Department of Health Services to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.

Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
?
Data and information pertinent to site management of the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
?
All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
?
Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
?
Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
?
Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
19-3-48	Cover System

Soil exceeding the NYSDEC SCOs for protection of groundwater remains present below the former LP-1 location to the north of the Site building. Pavement over this area presently reduces the potential for groundwater impacts by limiting stormwater infiltration. This pavement cover is comprised of asphalt pavement.

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
☐	☐

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
☐	☐

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. 152035

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 _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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 _____ at _____,
print name print business address

am certifying as a Qualified Environmental Professional for the _____
(Owner or Remedial Party)

_____	_____	_____
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

I. Executive Summary: (1/2-page or less)
   A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
   B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
      1. progress made during the reporting period toward meeting the remedial objectives for the site
      2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
   C. Compliance
      1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
      2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
   D. Recommendations
      1. recommend whether any changes to the SMP are needed
      2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
      3. recommend whether the requirements for discontinuing site management have been met.

II. Site Overview (one page or less)
   A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
   B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.

III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
   Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.

IV. IC/EC Plan Compliance Report (if applicable)
   A. IC/EC Requirements and Compliance
      1. Describe each control, its objective, and how performance of the control is evaluated.
      2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
      3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
      4. Conclusions and recommendations for changes.
   B. IC/EC Certification
      1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).

V. Monitoring Plan Compliance Report (if applicable)
   A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
   B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
   C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
   D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
   E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.

VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
   A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
   B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
   C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.

E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
   1. whether all requirements of each plan were met during the reporting period
   2. any requirements not met
   3. proposed plans and a schedule for coming into full compliance.

B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.

C. Future PRR Submittals
   1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
   2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.

APPENDIX B

ENVIRONMENTAL EASEMENT

CERTILMAN BALIN
ATTORNEYS

90 MERRICK AVENUE, 9TH FLOOR
EAST MEADOW, NY 11554
PHONE: 516.296.7000 • FAX: 516.296.7111
www.certilmanbalin.com

BARRY S. COHEN
PARTNER
DIRECT DIAL 516.296.7044
bcohen@certilmanbalin.com

April 10, 2023

VIA FEDERAL EXPRESS

Jennifer Andaloro
DEC Project Attorney
Office of General Counsel
New York State Department
of Environmental Conservation
625 Broadway
Albany, New York 12233-1010

Re: *Environmental Easement Package*
Site Name: Cardwell Condenser Corporation
DEC Site No.: 152035

Dear Jen:

Attached please find proof that the above-referenced Environmental Easement was recorded with the Suffolk County Clerk's Office on April 5, 2023, and proof that the required Municipal Notice was provided to the Town of Babylon.

Please do not hesitate to contact me if you have any questions.

Sincerely,

Barry S. Cohen

BSC/gnm
Enclosures
cc: Cheryl Salem (w/enc.) (via email)
Jared Donaldson (w/enc.) (via email)

CC # : C23-11928

COUNTY CLERK'S OFFICE

STATE OF NEW YORK
COUNTY OF SUFFOLK

The Clerk of the County of Suffolk and the Court of Record thereof do hereby certify that I have compared the annexed with the original

EASEMENT

recorded in my office on **04/05/2023** under Liber **D00013196** and Page **201** and, that the same is a true copy thereof, and of the whole of such original.

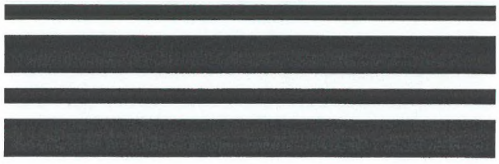
In Testimony Whereof, I have hereunto set my hand and affixed the seal of said County and Court this **04/05/2023** .

SUFFOLK COUNTY CLERK

V Puleo

VINCENT PULEO

SEAL



SUFFOLK COUNTY CLERK
RECORDS OFFICE
RECORDING PAGE

Type of Instrument: EASEMENT
Number of Pages: 10
Receipt Number : 23-0046615
TRANSFER TAX NUMBER: 22-23381

Recorded: 04/05/2023
At: 09:44:36 AM

LIBER: D00013196
PAGE: 201

District:	Section:	Block:	Lot:
0103	019.00	03.00	048.001

EXAMINED AND CHARGED AS FOLLOWS

Deed Amount: $0.00

Received the Following Fees For Above Instrument

		Exempt			Exempt
Page/Filing	$0.00	YES	Handling	$0.00	YES
COE	$0.00	YES	NYS SRCHG	$0.00	YES
TP-584	$0.00	YES	Notation	$0.00	YES
Cert.Copies	$0.00	YES	RPT	$0.00	YES
Transfer tax	$0.00	YES			
			Fees Paid	$0.00	

TRANSFER TAX NUMBER: 22-23381

THIS PAGE IS A PART OF THE INSTRUMENT
THIS IS NOT A BILL

Vincent Puleo
County Clerk, Suffolk County

1 | 2

Number of pages 10

This document will be public record. Please remove all Social Security Numbers prior to recording.

RECORDED
2023 Apr 05 09:44:36 AM
Vincent Puleo
CLERK OF
SUFFOLK COUNTY
L D00013196
P 201
DT# 22-23381

Deed / Mortgage Instrument	Deed / Mortgage Tax Stamp	Recording / Filing Stamps

3 FEES

Page / Filing Fee	50	Mortgage Amt.	
Handling	20. 00	1. Basic Tax	
TP-584	5	2. Additional Tax	
Notation		Sub Total	
EA-52 17 (County)		Spec./Assit. or Spec. /Add.	
EA-5217 (State)		TOT. MTG. TAX	
R.P.T.S.A.	200	Dual Town ____ Dual County ____ Held for Appointment ____	
Comm. of Ed.	5. 00	Transfer Tax	0
Affidavit		Mansion Tax	
Certified Copy			
NYS Surcharge	15. 00		
Other			
Sub Total			
Grand Total	Exempt		

The property covered by this mortgage is or will be improved by a one or two family dwelling only.

YES ____ or NO ____

If NO, see appropriate tax clause on page # ____ of this instrument.

3/21/23

4 Dist. 0103

5053091

0103 01900 0300 048001

Real Property Tax Service Agency Verification

PTS
R RAK A
05-APR-23

5 Community Preservation Fund

Consideration Amount $ 0

CPF Tax Due $ ____

Improved ____
Vacant Land ____
TD ____
TD ____
TD ____

6 Satisfactions/Discharges/Releases List Property Owners Mailing Address
RECORD & RETURN TO:

Certilman Balin Adler & Hyman, LLP
Attn: Barry Cohen, Esq.
90 Merrick Avenue
East Meadow, New York 11554

Mail to: Judith A. Pascale, Suffolk County Clerk
310 Center Drive, Riverhead, NY 11901
www.suffolkcountyny.gov/clerk

7 Title Company Information

Co. Name

Title #

8 Suffolk County Recording & Endorsement Page

This page forms part of the attached Environmental Easement made by: (SPECIFY TYPE OF INSTRUMENT)

Buccino Realty, LLC

The premises herein is situated in SUFFOLK COUNTY, NEW YORK.

TO

The People of the State of New York, acting through their Commissioner of the NYSDEC

In the TOWN of Babylon

In the VILLAGE or HAMLET of Incorporated Village of Lindenhurst

BOXES 6 THRU 8 MUST BE TYPED OR PRINTED IN BLACK INK ONLY PRIOR TO RECORDING OR FILING.

(over)

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 21st day of March, 2023, between Owner Buccino Realty, LLC, having an office at 80 E. Montauk Highway, Lindenhurst, County of Suffolk, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 80 East Montauk Highway in the Incorporated Village of Lindenhurst, Town of Babylon, County of Suffolk and State of New York, known and designated on the tax map of the County Clerk of Suffolk as tax map parcel number: District 0103 Section 019.00 Block 03.00 Lot 048.001, being the same as that property conveyed to Grantor by deed dated June 21, 2021 and recorded in the Suffolk County Clerk's Office in Liber and Page D00013182/906. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.42 +/- acres, and is hereinafter more fully described in the Land Title Survey dated August 19, 2002 and last revised October 24, 2019 prepared by John A. Robinson, L.L.S., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is

extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of that Consent Decree dated August 5, 1999 and So Ordered by the Judge for the United States District Court, Eastern District of New York in Civil Action # 97-5121, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Suffolk County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential, Restricted Residential or Commercial purposes as defined in 6NYCRR 375-1.8(g)(i), (ii) and (iii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation

Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her 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

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 152035
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Buccino Realty, LLC:

By: _____

Print Name: PETER J BUCCINO

Title: Pres Date: 3-1-23

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF SUFFOLK)

On the 01 day of March in the year 2023 before me, the undersigned, personally appeared Peter J Buccino, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

THERESA COSTANZA
Notary Public - State of New York
NO. 01CO5039074
Qualified in Nassau County
My Commission Expires Feb 13, 2027

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: Andrew Guglielmi
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 21st day of March, in the year 2023 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Jennifer Andaloro
Notary Public - State of New York

JENNIFER ANDALORO
Notary Public, State of New York
No. 02AN6098246
Qualified in Albany County
Commission Expires January 14, 2024

SCHEDULE "A" PROPERTY DESCRIPTION

All that certain plot, piece or parcel of land, situate, lying and being in the Incorporated Village of Lindenhurst, Town of Babylon, County of Suffolk and State of New York bounded and described as follows:

BEGINNING at a point marked by a monument, formed by the intersection of the northerly side of East Montauk Highway (SR 27A) with the easterly side of Lincoln Avenue;

RUNNING THENCE North 16 degrees 47 minutes 30 seconds West along the said easterly side of Lincoln Avenue a distance of 363.83 feet to a point marked by a monument;

RUNNING THENCE North 73 degrees 12 minutes 30 seconds East a distance of 169.00 feet to a point marked by a stake;

RUNNING THENCE South 16 degrees 47 minutes 30 seconds East a distance of 371.45 feet to a point on the northerly side of said East Montauk Highway;

RUNNING THENCE South 75 degrees 47 minutes 20 seconds West 169.17 feet along the said northerly side of East Montauk Highway to the point or place of BEGINNING.

This property includes about 62,131 square feet or 1.42 acres of land in area.

7014 2120 0000 7344 9347

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT
Domestic Mail Only

For delivery information, visit our website at *www.usps.com®*.

OFFICIAL USE

Postage	$ 1.74
Certified Fee	4.15
Return Receipt Fee (Endorsement Required)	3.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$ 9.24

EAST MEADOW POST OFFICE EAST MEADOW NY 11554-9998 APR - 6 2023

Postmark Here

B. Cohen

Sent To: Rich Schaffer, Town of Babylon
Street & Apt. No., or PO Box No.: 200E. Sunrise Hwy
City, State, ZIP+4: Lindenhurst NY 11757

PS Form 3800, July 2014 — See Reverse for Instructions

APPENDIX C

SITE-WIDE INSPECTION FORMS

Site-Wide Inspection Checklist
Cardwell Condenser Corporation Site
80 East Montauk Highway
Lindenhurst, New York

Date of Inspection: __*June 2, 2025*_____

Site-wide inspections will be performed annually, at a minimum. A site-wide inspection will also be performed after severe events that may affect the pavement cover over the former LP-1 area, or the monitoring wells.

The 2025 site-wide inspection was performed on June 2, 2025. The weather during the inspection was partly cloudy/partly sunny and there were no conditions that prevented observation of the key areas of the Site surface. Mr. Peter Buccino, a representative of the Site owner entity and operator of the onsite manufacturing operation, accompanied the inspector and provided information concerning Site operations and conditions, particularly for the time between the last Periodic Review Report (2024) and the date of this inspection. Mr. Rob Ferguson of FPM accompanied the inspector and assisted with the inspection activities. The results of the site-wide inspection are documented below, together with additional information concerning activities that occurred after the inspection was conducted.

The following inspection checklist will be completed during each site-wide inspection. Supporting documentation will be attached, as necessary. The completed site-wide inspection checklist and supporting documentation will be included in the associated Periodic Review Report.

Compliance with Institutional Controls

Institutional Controls (ICs) are required to: (1) implement, maintain and monitor the engineering controls (ECs) described in the Site Management Plan (SMP); (2) prevent future exposure to residual contamination by controlling disturbances of residual materials; and (3) restrict the use of the Site to industrial, commercial, restricted residential, or residential uses. Adherence to these ICs on the Site (Controlled Property) is required under the Environmental Easement. These ICs are described in Section 3.2 of the Site Management Plan. Please complete the following checklist to confirm compliance with the Site ICs:

- The Controlled Property may be used for industrial, commercial, restricted residential, or

residential use. Confirm the use of the Site:

The Site use is industrial. Based on the observations during the site-wide inspection and prior monitoring events, and information from Mr. Buccino, this use has not changed during the reporting period. The onsite operations include screen-printing, embroidery, packaging, shipping, and associated operations to manufacture and distribute T-shirts and associated promotional clothing. Maintenance of the machinery is also performed onsite. Photos illustrating the onsite industrial operations are included in the attached photolog.

- All Engineering Controls (pavement cover over former LP-1 area and groundwater monitoring wells) must be operated and maintained as specified in the SMP for the Controlled Property. Confirm operation and maintenance of ECs:

  The asphalt pavement cover over the former LP-1 area is present and in good condition, as shown in the photolog. The concrete building slab is also intact and in good condition, as shown in the photolog. There is no evidence of breaches, excavations, or damage to either area of cover, and the Site representative reported that no breaches of the cover occurred during the reporting period. Most of the groundwater monitoring wells, including all wells in the current monitoring program, were visually observed during the Site-wide inspection. Several wells in a grassy area had been covered by overgrown grass and were not visible. The two offsite upgradient wells were also covered by overgrown vegetation and could not be visually observed. The approximate locations of these wells were identified using a scaled site plan and a magnetic locating device. These wells will be uncovered and their condition assessed during the upcoming (June) groundwater monitoring event

  As noted in the prior PRR, former well MW-13 appears to have been paved over and could not be located. As nearby well MW-12 provides essentially the same information, well MW-13 is not planned to be replaced. Well MW-14 was not located during the 2024 site-wide inspection or groundwater monitoring event and was not evident during this site-wide inspection. This well was likely destroyed during winter snow removal operations. As noted in the prior PRR, this well is not planned to be replaced.

- Annual inspections and certifications must be conducted in accordance with the SMP. Confirm compliance with annual inspections and certifications:

  The SMP for this Site was approved in January 2024 and annual site-wide inspections have been conducted on January 29, 2024 and June 2, 2025, in compliance with the SMP requirements. The ICEC certification for the prior reporting period was completed and submitted to the NYSDEC in the May 2024 PRR. The ICEC certification for the current reporting period will be completed and submitted to the NYSDEC in the next PRR, which we understand is due on July 20, 2025. The ICEC certifications are in compliance with the SMP.

- Groundwater and other environmental or public health monitoring, and reporting of information thus obtained, must be performed in a manner specified in the SMP. Confirm that the required monitoring and reporting are in accordance with the SMP:

  Groundwater monitoring was conducted and reported in 2017 and 2018 (prior to NYSDEC approval of the SMP) in compliance with NYSDEC requests. Groundwater monitoring was also conducted on January 29, 2024 (1Q 2024) shortly after SMP approval, with the results reported in the May 2024 PRR. The groundwater monitoring frequency is once-per-five-quarters and the next groundwater monitoring event is scheduled for June 19, 2025 (2Q 2025). As this monitoring event is outside of the current reporting period and the results will not be available until July 2025, this event will be reported separately. Groundwater monitoring and reporting are generally in compliance with the approved SMP and prior NYSDEC requests.

- Onsite environmental monitoring devices, including but not limited to groundwater monitoring wells, will be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP. Confirm that monitoring devices have been protected and/or replaced:

  The majority of the onsite monitoring wells are protected by manholes with bolt-down lids that are set in concrete pads. One well (MW-1) is protected by a metal standpipe. All the wells that were located (MWs 1, 2, 6, 8, 9, 10, and 12) were found to be protected

during the site-wide inspection. Wells MW-3, MW-4 and MW-7 are in a grassy lawn area and are presently covered by turf. A magnetic locating device was used to identify the approximate locations of the steel manhole lids for these wells. The wells will be uncovered and assessed during the upcoming groundwater monitoring event. Wells MW-5 and MW-11 are located upgradient and offsite in an adjoining park. The well locations are heavily overgrown and could not be visually observed during the site-wide inspection. The vegetation in the well areas will be cleared during the upcoming groundwater monitoring event and the wells will be located and assessed. Well MW-13, which was located offsite in the neighboring parking lot, could not be located during the 2024 or 2025 site-wide inspections and appears to have been paved over. MW-14 also could not be located during the 2024 or 2025 site-wide inspection and a 2024 subsequent investigation. This well is likely to have been destroyed during winter snowplowing operations. As discussed in the May 2024 PRR, replacement of these wells is not recommended at this time.

- All soil disturbance activities that will impact residual contaminated material must be conducted in accordance with the NYSDEC-approved SMP and the Excavation Work Plan (EWP). Confirm that these activities, if they have occurred, are in compliance with the SMP and EWP:

  Based on the site-wide inspection observations and information from the property owner representative, no soil disturbance occurred during the reporting period in the areas where residual contaminated soil is, or may be, present. Therefore, the EWP was not triggered.

- Use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for the intended purpose. Confirm that groundwater use has not occurred:

  Based on the site-wide inspection observations and information from the property owner representative, no groundwater use occurred during the reporting period. No supply wells were observed onsite.

- As per the Environmental Easement, the Controlled Property may not be used for a higher level of use (commercial, restricted residential, residential, or unrestricted use), and the above-stated ECs may not be discontinued without proper notification of the NYSDEC of

the change, approval of that use by the NYSDEC, and an amendment of the SMP approved by the NYSDEC. Confirm continued compliance with the Environmental Easement:

Based on the site-wide inspection observations and information from the property owner, the property was used only for industrial purposes and remained in compliance with the terms of the Environmental Easement throughout the reporting period.

- Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 to Article 71 of the Environmental Conservation Law.

Confirm that property deed and all subsequent instruments of conveyance are in compliance:

The most recent property deed/instrument of conveyance was recorded on November 10, 2021, prior to recording of the Environmental Easement, which occurred on April 5, 2023. No deeds or instruments of conveyance have been recorded since the Easement was recorded. The property is, therefore, in compliance with this requirement.

- Grantor covenants and agrees that the Environmental Easement shall be incorporated in full or by reference in any leases, license, or other instruments granting a right to use the Controlled Property. Confirm that leases, licenses or other right-to-use documents incorporate or reference the Environmental Easement:

The property owner's representative reported that no leases, licenses, or other instruments granting a right to use the Controlled Property have been made or recorded since the Easement was recorded. The property is, therefore, in compliance with this requirement.

- Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable

certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any SMP for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls. Confirm the submittal of the Annual Certification Statement:

This Certification Statement was included in the May 2024 PRR and will be included in the 2025 PRR.

Compliance with Engineering Controls

Provide a written evaluation of the condition and continued effectiveness of the ECs:

- The pavement cover over the former LP-1 area EC:

  The asphalt pavement cover over the former LP-1 area is present and in good condition. The concrete building slab is also intact and in good condition. There is no evidence of breaches, excavations, or damage to either area of cover, and the Site representative reported that no breaches of the cover occurred during the reporting period. The cover EC was effective in preventing exposure to residual contaminated soil present at this Site.

- The groundwater monitoring well EC:

  The groundwater monitoring wells that comprise this EC were found to be generally in good condition with some exceptions. Well MW-13 appears to have been paved over and could not be located in 2024 or 2025. Well MW-14 also could not be located during the 2024 or 2025 site-wide inspections and the 2024 groundwater monitoring event. It is likely that this well was destroyed by winter snowplowing. As discussed in the May 2024 PRR, replacement of these wells was not recommended. Although two of the wells in the Site's monitoring plan are no longer present, the groundwater monitoring well EC remains largely in place and effective for evaluation of residual Site-related groundwater contamination.

General Site Conditions

Provide a written description of the Site conditions at the time of the site-wide inspection. Attach digital photographs or other supporting information as needed.

The Site was in active use as a screen printing and embroidery facility for manufacture of promotional T-shirts and associated promotional items at the time of the inspection. Chemicals in use throughout the manufacturing areas of the facility include paints, inks, spot cleaners for removing ink from fabrics, machine cleaners and lubricants, and ordinary building maintenance chemicals. Spot cleaners include Saati Remove TSR, which contains 15 to 35% PCE, and Saati Remove ER2, which is noted to contain 55% volatiles. Machine cleaners include methylene chloride, which is contained in and distributed from one 55-gallon drum. Three additional 55-gallon drums of methylene chloride are also present. Machine lubricants include Marvelair tool oil, which contains unspecified chlorinated hydrocarbons, and Marvel Mystery oil, which contains light petroleum distillates, including dichlorobenzenes. The building and grounds are in good condition with the ECs in place, as noted above. A photolog showing Site conditions on June 2, 2025, the day of the 2025 site-wide inspection, is attached.

Site Management Activities

Provide a discussion and assessment of ongoing site management activities including as applicable, but not limited to, soil/residual materials management, groundwater monitoring, community air monitoring, nuisance control, well replacement/repair, health and safety monitoring, and other applicable and pertinent activities. Attach supporting documentation as necessary.

Residual contaminated soil management was not required and did not occur during the reporting period. The Site owner representative reported that there are, at present, no plans for future disturbance of the cover or other activities that might trigger the need for management of residual contaminated soil.

Groundwater monitoring will be conducted in June 2025 (2Q 2025) in compliance with the once-per-five-quarters monitoring frequency.

Compliance with Schedules

The Monitoring and Sampling Plan included in Section 4 of the SMP does not include any permit requirements but does include a schedule for groundwater and other monitoring. Discuss compliance with the groundwater monitoring schedule:

Following NYSDEC approval of the SMP, groundwater monitoring was conducted during the first quarter of 2024 in compliance with the schedule. Groundwater monitoring is scheduled to be conducted during the second quarter of 2025 (June 2025) in compliance with the SMP schedule. No other monitoring was required during the reporting period and no other monitoring is anticipated to be required.

Site Records

The Site records include, but are not limited to, groundwater monitoring reports, EC inspections, site-wide inspection checklists, soil management documents, community air monitoring documents, regulatory agency correspondence, reports, and the PRR. Confirm that each type of Site record is up to date and provide comments:

The January 2024 groundwater monitoring event was reported in the May 2024 PRR. The records of groundwater monitoring events are compliant.

EC inspection was conducted during the June 2, 2025 site-wide inspection in compliance with the SMP. The results are documented in this site-wide inspection checklist.

Soil management and community air monitoring were not required or conducted during the reporting period.

Regulatory agency correspondence during the reporting period included emails and letters associated with the process of revising and obtaining approval for the May 2024 PRR. Copies of these letters will be included in the July 2025 PRR.

Inspector Information

Name and Affiliation of Inspector(s): ***Stephanie O. Davis, PG, FPM Group, Ltd.***

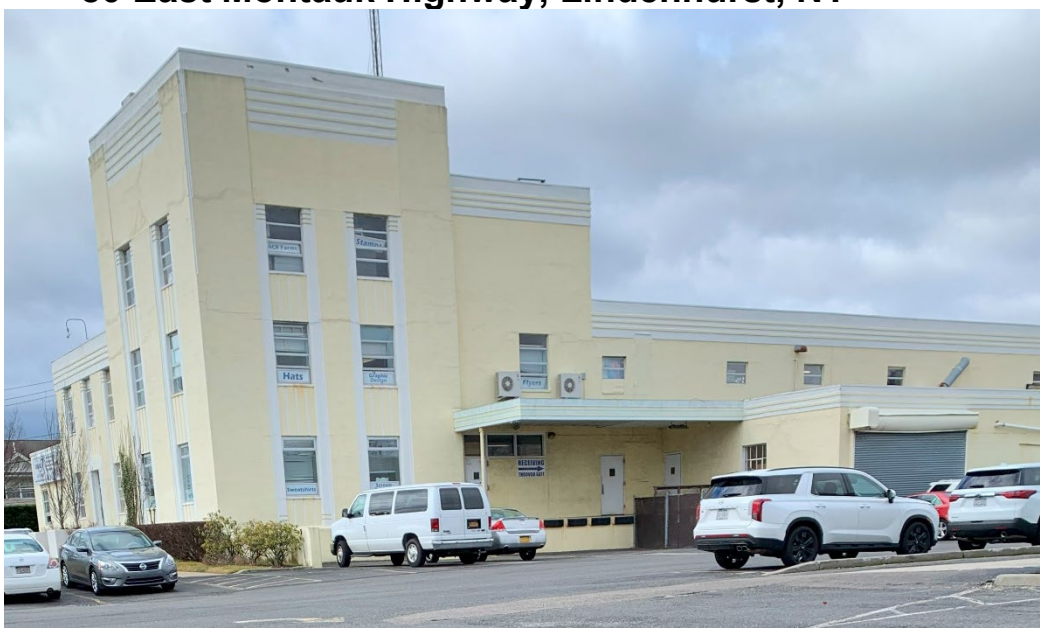
Date of Inspection: ***June 2, 2025***

Reason for Inspection: ***Site-wide inspection for 2025***

List additional inspections or activities conducted in association with this inspection: ***None***

Attachments: ***Photolog***

Photolog, June 2, 2025
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

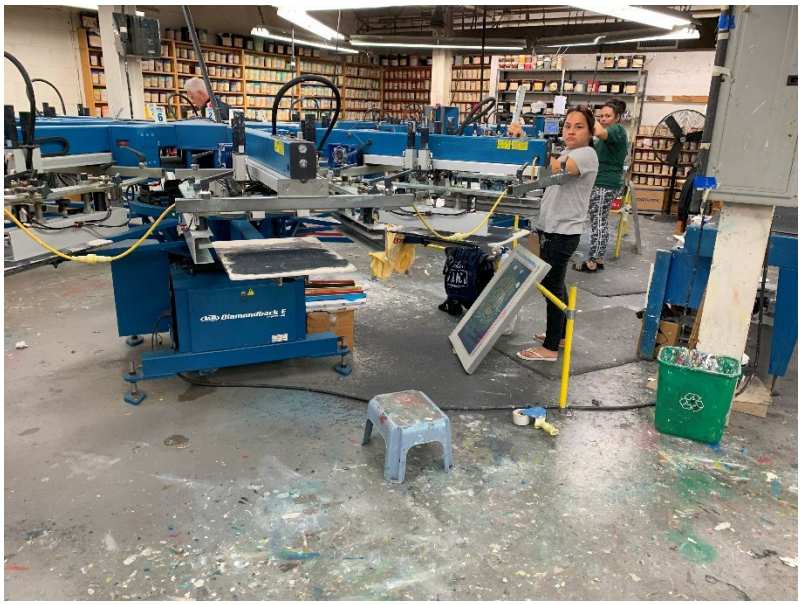


Above: View of front (south side, at left) and part of east side of the industrial building at the subject property looking northwest. .

Above: View of part of the back of the industrial building (at left) at the subject property looking west. The asphalt pavement cover over the former LP-1 area was observed to be in good condition throughout the covered area. The small pile of sand (at center, not in the covered area) is used on the parking and driveway areas during snow and ice conditions. Well MW-1, which is upgradient of the capped area and protected by a steel standpipe, is visible in the right background.

Photolog, June 2, 2025
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

Above: Representative view of the first floor interior of the industrial building showing some of the equipment used in the screen printing operations. Much of the equipment is in active operation.



Above: Another view of the first floor interior of the industrial building showing some of the screen-printing equipment.

Photolog, June 2, 2025
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

Above: Representative view of the concrete building slab in the manufacturing areas on the first floor of the building. The concrete was observed to be intact throughout the first floor, with much of its surface painted or coated.

Above: Another representative view of the concrete building slab in the shipping area on the first floor of the building. The concrete was observed to be intact throughout the first floor, with much of its surface painted or coated.

Photolog, June 2, 2025
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

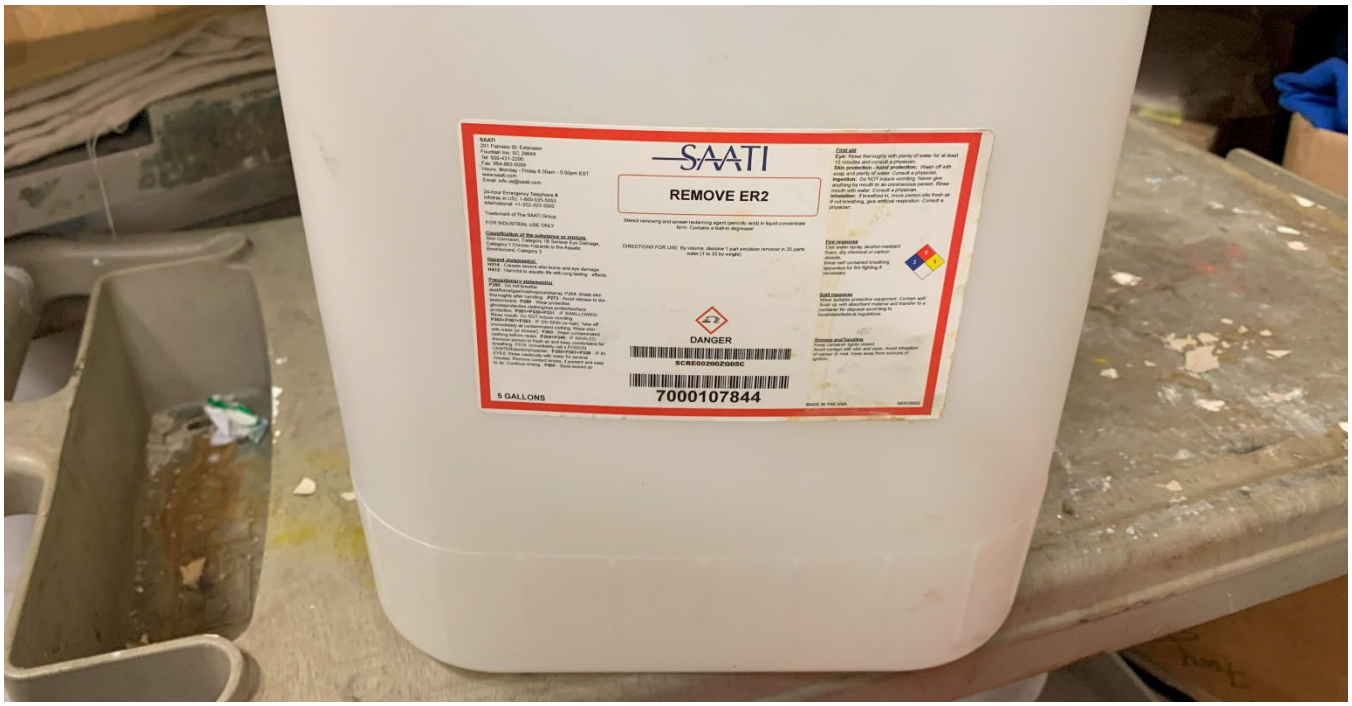
Above: Representative view of the concrete building slab in a chemical storage area on the first floor of the building. The drums include virgin methylene chloride and waste ink (black drum). No spills or evidence of releases was noted and the concrete was observed to be intact throughout this area, with much of its surface painted or coated.

Above: Representative view of the concrete building slab in the basement, which underlies a portion of the building and is used solely for storage and utilities. The concrete was observed to be intact and in good condition throughout the basement.

Photolog, June 2, 2025
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

Above: In-use drums of methylene chloride and spot-removal chemicals.

Above: This product is used to thin inks and contains 2-butoxyethanol and other chemicals.



Above: This product is also used to remove ink from the screen printing equipment. It contains several chemicals, including 55% volatile organic compounds.

Site-Wide Inspection Checklist
Cardwell Condenser Corporation Site
80 East Montauk Highway
Lindenhurst, New York

Date of Inspection: ***April 28, 2026***

Site-wide inspections will be performed annually, at a minimum. A site-wide inspection will also be performed after severe events that may affect the pavement cover over the former LP-1 area, or the monitoring wells.

The 2026 site-wide inspection was performed on April 28, 2026. The weather during the inspection was partly cloudy/partly sunny and there were no conditions that prevented observation of the key areas of the Site surface. Mr. Peter Buccino, a representative of the Site owner entity and operator of the onsite manufacturing operation, accompanied the inspector and provided information concerning Site operations and conditions, particularly for the time between the last Periodic Review Report (2025) and the date of this inspection. Mr. Jake Stumm of FPM accompanied the inspector and assisted with the inspection activities. The results of the site-wide inspection are documented below, together with additional information concerning activities that occurred after the inspection was conducted.

The following inspection checklist will be completed during each site-wide inspection. Supporting documentation will be attached, as necessary. The completed site-wide inspection checklist and supporting documentation will be included in the associated Periodic Review Report.

Compliance with Institutional Controls

Institutional Controls (ICs) are required to: (1) implement, maintain and monitor the engineering controls (ECs) described in the Site Management Plan (SMP); (2) prevent future exposure to residual contamination by controlling disturbances of residual materials; and (3) restrict the use of the Site to industrial, commercial, restricted residential, or residential uses. Adherence to these ICs on the Site (Controlled Property) is required under the Environmental Easement. These ICs are described in Section 3.2 of the Site Management Plan. Please complete the following checklist to confirm compliance with the Site ICs:

- The Controlled Property may be used for industrial, commercial, restricted residential, or

residential use. Confirm the use of the Site:

The Site use is industrial. Based on the observations during the site-wide inspection and prior monitoring events, and information from Mr. Buccino, this use has not changed during the reporting period. The onsite operations include screen-printing, embroidery, packaging, shipping, and associated operations to manufacture and distribute T-shirts and associated promotional clothing. Maintenance of the machinery is also performed onsite. Photos illustrating the onsite industrial operations are included in the attached photolog.

- All Engineering Controls (pavement cover over former LP-1 area and groundwater monitoring wells) must be operated and maintained as specified in the SMP for the Controlled Property. Confirm operation and maintenance of ECs:

  The asphalt pavement cover over the former LP-1 area is present and in good condition, as shown in the photolog. The concrete building slab is also intact and in good condition, as shown in the photolog. There is no evidence of breaches, excavations, or damage to either area of cover, and the Site representative reported that no breaches of the cover occurred during the reporting period. The remaining groundwater monitoring wells, including all wells in the current monitoring program, were visually observed during the site-wide inspection. As documented in our August 26, 2025 groundwater monitoring report, several wells are no longer present at the Site, including wells MW-3, MW-4, MW-5, MW-7, MW-11, MW-13, and MW-14. These wells were either previously abandoned or have been destroyed, as described in the report, and are not planned to be replaced.

- Annual inspections and certifications must be conducted in accordance with the SMP. Confirm compliance with annual inspections and certifications:

  The SMP for this Site was approved in January 2024 and annual site-wide inspections were conducted on June 2, 2025 and April 28, 2026, in compliance with the SMP requirements. The ICEC certification for the prior reporting period was completed and submitted to the NYSDEC in the May 2024 PRR. The ICEC certification for the current

reporting period will be completed and submitted to the NYSDEC in the next PRR, which we understand is due on June 1, 2026. The ICEC certifications are in compliance with the SMP.

- Groundwater and other environmental or public health monitoring, and reporting of information thus obtained, must be performed in a manner specified in the SMP. Confirm that the required monitoring and reporting are in accordance with the SMP:

  Groundwater monitoring was conducted and reported in 2017 and 2018 (prior to NYSDEC approval of the SMP) in compliance with NYSDEC requests. Groundwater monitoring was also conducted on January 29, 2024 (1Q 2024) shortly after SMP approval, with the results reported in the May 2024 PRR. The most recent groundwater monitoring event occurred on June 19, 2025 (2Q 2025) and was reported shortly thereafter, with the report accepted by the NYSDEC on August 28, 2025. The groundwater monitoring frequency is once-per-five-quarters and the next groundwater monitoring event is scheduled for September 2026 (3Q 2026). As this monitoring event is outside of the current reporting period and the results will not be available until October 2026, this event will be reported separately. Groundwater monitoring and reporting are generally in compliance with the approved SMP and prior NYSDEC requests.

- Onsite environmental monitoring devices, including but not limited to groundwater monitoring wells, will be protected and replaced as necessary to ensure continued functioning in the manner specified in the SMP. Confirm that monitoring devices have been protected and/or replaced:

  The majority of the onsite monitoring wells are protected by manholes with bolt-down lids that are set in concrete pads. One well (MW-1) is protected by a metal standpipe. All the wells that were located (MWs 1, 2, 6, 8, 9, 10, and 12) were found to be protected during the site-wide inspection. As documented in our August 26, 2025 groundwater monitoring report, several wells are no longer present at the Site, including wells MW-3, MW-4, MW-5, MW-7, MW-11, MW-13, and MW-14. These wells were either previously abandoned or have been destroyed, as described in the report, and are not planned to be replaced.

- All soil disturbance activities that will impact residual contaminated material must be conducted in accordance with the NYSDEC-approved SMP and the Excavation Work Plan (EWP). Confirm that these activities, if they have occurred, are in compliance with the SMP and EWP:

  Based on the site-wide inspection observations and information from the property owner representative, no soil disturbance occurred during the reporting period in the areas where residual contaminated soil is, or may be, present. Therefore, the EWP was not triggered.

- Use of the groundwater underlying the Controlled Property is prohibited without treatment rendering it safe for the intended purpose. Confirm that groundwater use has not occurred:

  Based on the site-wide inspection observations and information from the property owner representative, no groundwater use occurred during the reporting period. No water supply wells were reported or observed onsite.

- As per the Environmental Easement, the Controlled Property may not be used for a higher level of use (commercial, restricted residential, residential, or unrestricted use), and the above-stated ECs may not be discontinued without proper notification of the NYSDEC of the change, approval of that use by the NYSDEC, and an amendment of the SMP approved by the NYSDEC. Confirm continued compliance with the Environmental Easement:

  Based on the site-wide inspection observations and information from the property owner, the property was used only for industrial purposes and remained in compliance with the terms of the Environmental Easement throughout the reporting period.

- Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 to Article 71 of the Environmental Conservation Law.

Confirm that property deed and all subsequent instruments of conveyance are in compliance:

The most recent property deed/instrument of conveyance was recorded on November 10, 2021, prior to recording of the Environmental Easement, which occurred on April 5, 2023. No deeds or instruments of conveyance have been recorded since the Easement was recorded. The property is, therefore, in compliance with this requirement.

- Grantor covenants and agrees that the Environmental Easement shall be incorporated in full or by reference in any leases, license, or other instruments granting a right to use the Controlled Property. Confirm that leases, licenses or other right-to-use documents incorporate or reference the Environmental Easement:

  The property owner's representative reported that no leases, licenses, or other instruments granting a right to use the Controlled Property have been made or recorded since the Easement was recorded. The property is, therefore, in compliance with this requirement.

- Grantor covenants and agrees that it shall annually, or such time as NYSDEC may allow, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury that the controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls employed at the Controlled Property were approved by the NYSDEC, and that nothing has occurred that would impair the ability of such control to protect the public health and environment or constitute a violation or failure to comply with any SMP for such controls and giving access to such Controlled Property to evaluate continued maintenance of such controls. Confirm the submittal of the Annual Certification Statement:

  This Certification Statement was included in the prior PRRs and will be included in the 2026 PRR.

Compliance with Engineering Controls

Provide a written evaluation of the condition and continued effectiveness of the ECs:

- <u>The pavement cover over the former LP-1 area EC</u>:

The asphalt pavement cover over the former LP-1 area is present and in good condition. The concrete building slab is also intact and in good condition. There is no evidence of breaches, excavations, or damage to either area of cover, and the Site representative reported that no breaches of the cover occurred during the reporting period. The cover EC was effective in preventing exposure to residual contaminated soil present at this Site.

- The groundwater monitoring well EC:

  The remaining groundwater monitoring wells that comprise this EC were found to be generally in good condition. As previously noted, wells MW-3, MW-4, MW-5, MW-7, MW-11, MW-13, and MW-14 are no longer present and are not planned to be replaced. Although some of the Site wells are no longer present, the groundwater monitoring well EC remains sufficiently in place and effective for evaluation of residual Site-related groundwater contamination.

General Site Conditions

Provide a written description of the Site conditions at the time of the site-wide inspection. Attach digital photographs or other supporting information as needed.

The Site was in active use as a screen printing and embroidery facility for manufacture of promotional T-shirts and associated promotional items at the time of the inspection. Chemicals in use throughout the manufacturing areas of the facility include paints, inks, spot cleaners for removing ink from fabrics, machine cleaners and lubricants, and ordinary building maintenance chemicals. Spot cleaners include Saati Remove TSR, which contains 15 to 35% PCE, and Saati Remove ER2, which is noted to contain 55% volatiles. Machine cleaners include methylene chloride, which is contained in and distributed from one 55-gallon drum. Three additional 55-gallon drums of methylene chloride are also present. Machine lubricants include Marvelair tool oil, which contains unspecified chlorinated hydrocarbons, and Marvel Mystery oil, which contains light petroleum distillates, including dichlorobenzenes. The building and grounds are in good condition with the ECs in place, as noted above. A photolog showing Site conditions on April 28, 2026, the day of the 2026 site-wide inspection, is attached.

Site Management Activities

Provide a discussion and assessment of ongoing site management activities including as applicable, but not limited to, soil/residual materials management, groundwater monitoring, community air monitoring, nuisance control, well replacement/repair, health and safety monitoring, and other applicable and pertinent activities. Attach supporting documentation as necessary.

Residual contaminated soil management was not required and did not occur during the reporting period. The Site owner representative reported that there are, at present, no plans for future disturbance of the cover or other activities that might trigger the need for management of residual contaminated soil.

Groundwater monitoring was conducted in June 2025 (2Q 2025) in compliance with the once-per-five-quarters monitoring frequency and is scheduled to be conducted again in September 2026.

Compliance with Schedules

The Monitoring and Sampling Plan included in Section 4 of the SMP does not include any permit requirements but does include a schedule for groundwater and other monitoring. Discuss compliance with the groundwater monitoring schedule:

Following NYSDEC approval of the SMP, groundwater monitoring was conducted during the first quarter of 2024 and the second quarter of 2025 in compliance with the schedule. Groundwater monitoring is scheduled to be conducted during the third quarter of 2026 (September 2026) in compliance with the SMP schedule. No other monitoring was required during the reporting period and no other monitoring is anticipated to be required.

Site Records

The Site records include, but are not limited to, groundwater monitoring reports, EC inspections, site-wide inspection checklists, soil management documents, community air monitoring documents, regulatory agency correspondence, reports, and the PRR. Confirm that each type of Site record is up to date and provide comments:

The June 2025 groundwater monitoring event was initially reported in July 2025, with a revised report prepared in August 2025 to address NYSDEC comments. The revised report was accepted by the NYSDEC on August 28, 2025. The records of groundwater monitoring events are compliant.

The EC inspection was conducted during the April 28, 2026 site-wide inspection in compliance with the SMP. The results are documented in this site-wide inspection checklist.

Soil management and community air monitoring were not required or conducted during the reporting period.

Regulatory agency correspondence during the reporting period included emails and letters associated with the process of revising and obtaining approval for the 2025 PRR and the 2025 groundwater monitoring report. Copies of these letters will be included in the 2026 PRR.

Inspector Information

Name and Affiliation of Inspector(s): ***Robert Ferguson, FPM Group, Ltd.***

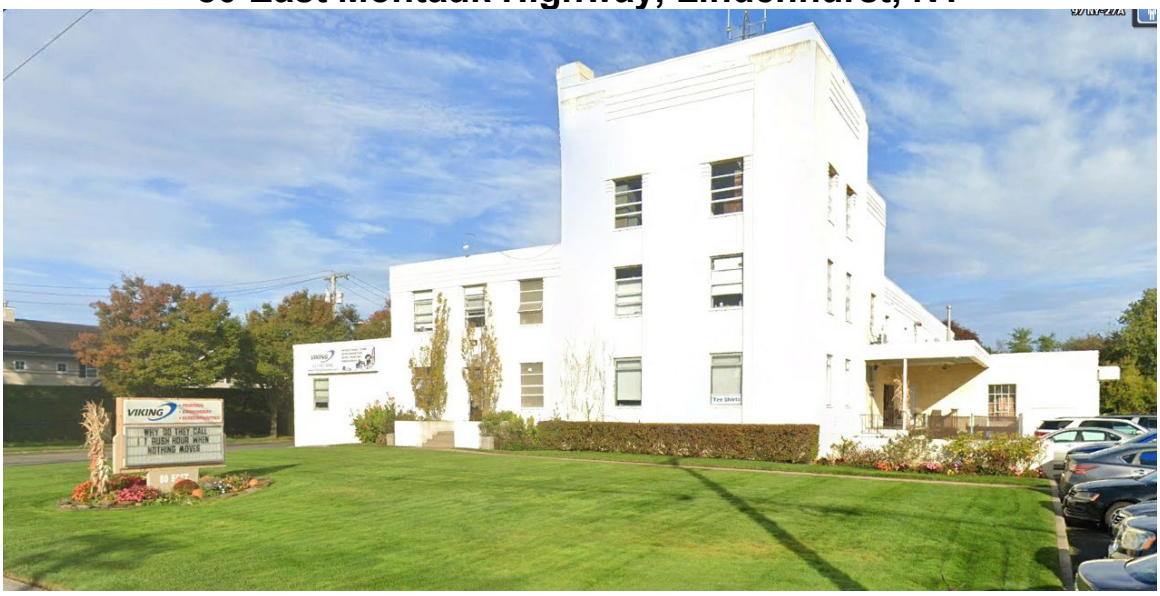
Date of Inspection: ***April 28, 2026***

Reason for Inspection: ***Site-wide inspection for 2026***

List additional inspections or activities conducted in association with this inspection: ***None***

Attachments: ***Photolog***

Photolog, April 28, 2026
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY



Above: View of front (south side) and part of east side of the industrial building at the subject property looking north.

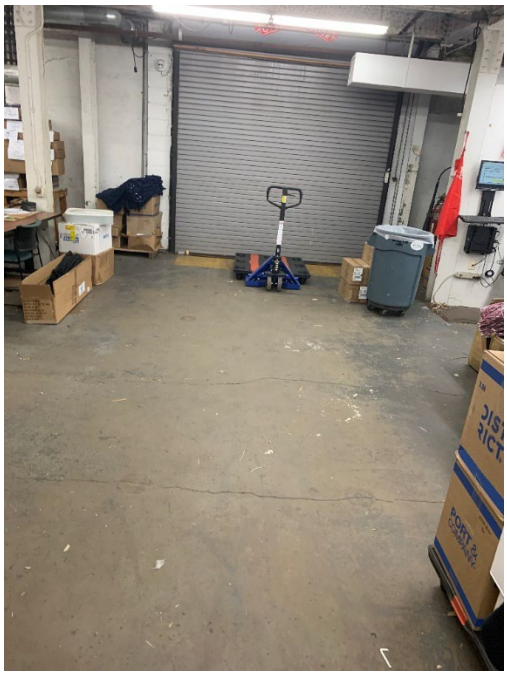
Above: View of the east side and part of the back of the industrial building at the subject property looking northwest.

Photolog, April 28, 2026
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

Above: View of the rear of the onsite building and part of the asphalt pavement cover over the former LP-1 area (far right). The pavement was observed to be in good condition throughout the covered area.

Above: Representative view of the concrete building slab in the manufacturing areas on the first floor of the building. The concrete was observed to be intact throughout the first floor, with much of its surface painted or coated.

Photolog, April 28, 2026
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY



Above: Representative view of the concrete building slab in the packing and shipping area on the first floor of the building. The concrete was observed to be intact throughout the first floor, with much of its surface painted or coated.

Above: Representative view of the concrete building slab in the basement, which underlies a portion of the building and is used solely for storage and utilities. The concrete was observed to be intact and in good condition throughout the basement.

Photolog, April 28, 2026
Cardwell Condenser Corporation Site, NYSDEC #152035
80 East Montauk Highway, Lindenhurst, NY

Above: View of monitoring well MW-6 in the employee parking area on the east side of the building.

Above: View of MW-1 located in the grassy area to the north of the building. This well is protected and operable.

APPENDIX D

INSTITUTIONAL AND ENGINEERING CONTROLS CERTIFICATION FORM

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. **152035**

Site Name Cardwell Condenser Corporation

Site Address: 80 East Montauk Highway Zip Code: 11757
City/Town: Lindenhurst (V)
County: Suffolk
Site Acreage: 1.200

Reporting Period: May 02, 2025 to May 02, 2026

	YES	NO
1. Is the information above correct?	☑	☐
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?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
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?	☐	☑

Box 2

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

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

SITE NO. 152035 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
19-3-48	Buccino Realty, LLC	Decision Document Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan

The property may be used for industrial use only;

All Engineering Controls must be operated and maintained as specified in the Site Management Plan;

All Engineering Controls must be inspected at a frequency and in a manner defined in the Site Management Plan;

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Suffolk County Department of Health Services to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.

Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;
?
Data and information pertinent to site management of the Controlled Property must be reported at the frequency and in a manner defined in this SMP;
?
All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
?
Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;
?
Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP; and
?
Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
19-3-48	Cover System

Soil exceeding the NYSDEC SCOs for protection of groundwater remains present below the former LP-1 location to the north of the Site building. Pavement over this area presently reduces the potential for groundwater impacts by limiting stormwater infiltration. This pavement cover is comprised of asphalt pavement.

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
☑	☐

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
☑	☐

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. 152035

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 Peter Buccino at 80 E. Montauk Hwy, Lindenhurst,
print name print business address

am certifying as OWNER (Owner or Remedial Party)

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

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

5-21-26
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional 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 Stephanie O. Davis, PG at FPM Group 640 Johnson Ave Suite 101, Bohemia NY
print name print business address

am certifying as a Qualified Environmental Professional for the Owner.
(Owner or Remedial Party)

Stephanie O. Davis, PG _____ 6-27-2026
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date

APPENDIX E

JUNE 2025 GROUNDWATER MONITORING REPORT

FPM group Engineering and Environmental Science

An Olgoonik Company

CORPORATE HEADQUARTERS
640 Johnson Avenue
Suite 101
Bohemia, NY 11716
631-737-6200
Fax 631-737-2410

August 26, 2025

Mr. Jared Donaldson, PE
Project Manager
Remedial Bureau A, Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, NY 12233-7015

Re: **June 2025 Groundwater Monitoring Report - Revised**
Cardwell Condenser Corporation Site
NYSDEC Registry # 1-52035
FPM File No. 1270g-25-05

Dear Mr. Donaldson:

Groundwater monitoring was conducted at the above-referenced New York State Department of Environmental Conservation (NYSDEC) site on June 19 and 20, 2025 (second quarter of 2025). The procedures and results for this groundwater monitoring event are documented herein.

Groundwater Monitoring Procedures

Groundwater monitoring was performed by FPM Group, Ltd. (FPM) in general accordance with the procedures in the NYSDEC-approved Site Management Plan (SMP) for the site. Wells MW-8, MW-9, and MW-12 were sampled for the purpose of evaluating groundwater quality downgradient of the remediated leaching pool area. Depth-to-water measurements were obtained at additional site monitoring wells to provide more comprehensive data for evaluation of the groundwater flow direction. Health and safety procedures were used during the monitoring event and health and safety monitoring was conducted in accordance with the SMP. The monitoring results were recorded in the sampler's field notebook; organic vapors were not detected during this monitoring event.

At the beginning of the monitoring process the site's monitoring wells were located as feasible, accessed, and the depth to water and well depth were measured with a decontaminated interface probe (note: the MW-10 well depth was inadvertently not recorded) . No free-phase product was detected in any of the wells that were located. It was noted that while most of the wells appeared to be fully open, the lower portions of wells MW-9 and MW-12 were partially filled with sediment, which reduced the height of the water column and precluded low-flow purging and sampling. In particular, sediment nearly completely obstructed the screen interval of MW-9. Wells MW-3, MW-4, MW-5, MW-7, and MW-11 could not be located, as discussed below.

The depths to the bottom of the wells and the depth to water measurements are shown on Table 1 (attached) and the water level measurements were used to evaluate the site's groundwater flow direction, as discussed below. It should be noted that most of the measurements were obtained from water table wells (well with emergent screens); the measurements from these wells were used to evaluate the groundwater flow direction. Well MW-6 is installed more deeply in the Upper Glacial Aquifer and has a submerged screen. The

water level measurement from this well was not used to evaluate the groundwater flow direction as it does not represent the water table condition.

The depth to water and well depth for the wells to be sampled were recorded on well sampling data sheets, copies of which are included in Attachment A. As noted above, the lower portions of wells MW-9 and MW-12 were partially filled with sediment, which precluded low-flow purging. Furthermore, the casing for MW-12 was bent to the extent that the low-flow pump could not be lowered into the well. This damage likely resulted during the prior re-paving of the surrounding parking lot, which also resulted in removing the top of the well and its protective manhole. Although the manhole has been replaced and the well remains functional, a smaller-diameter pump will be required for future sampling. None of the other wells contained appreciable sediment.

After measuring the water levels and well depths the wells to be sampled were purged. MW-8 was purged with a decontaminated stainless-steel Geotech Geosub2 low-flow pump equipped with dedicated disposable tubing. Two of the wells (MW-9 and MW-12) had a limited water column that was insufficient for operation of this pump. These wells were purged using a dedicated disposable bailer. Purging was performed until the parameters pH, conductivity, oxidation-reduction potential (ORP), dissolved oxygen, and temperature had stabilized and the turbidity was generally less than 50 nephelometric turbidity units (NTU). At well MW-9, which had the most limited water column, the turbidity was reduced at the end of purging but was not below 50 NTU. Some turbidity was also noted in well MW-12, although the level was below 50 NTU. Following purging, the groundwater in both these wells was allowed to recharge so that the suspended solids settled out prior to sampling. Well purging and sampling information were recorded on well sampling forms, which are included in Attachment A.

Well MW-8 was sampled using the dedicated tubing attached to the low-flow pump. Wells MW-9 and MW-12 were sampled using a dedicated disposable bailer. Quality assurance/quality control (QA/QC) samples, including two trip blanks, two field blanks, a field duplicate, and a matrix spike/matrix spike duplicate (MS/MSD) sample, were also collected in accordance with the Quality Assurance Project Plan (QAPP) in the SMP. The retrieved samples were transferred into laboratory-supplied sample bottles and the filled sample bottles were labeled and placed in a cooler with ice to depress the sample temperature to four degrees Celsius. A chain of custody form was completed and kept with the filled cooler to document the sequence of sample possession. The filled cooler was transmitted via lab courier to Eurofins Environmental Testing (Eurofins), a NYSDOH Environmental Laboratory Approval Program (ELAP)-certified laboratory. All samples were analyzed for Target Compound List (TCL) volatile organic compounds (VOCs) by NYSDEC Analytical Services Protocol (ASP) methods with Category B deliverables.

The laboratory provided the analytical data in a complete ASP Category B data package and an electronic data deliverable (EDD). The data in the EDD are being uploaded to the NYSDEC's Electronic Information Management System (EIMS). A data usability summary report (DUSR) was also prepared for the laboratory package. The DUSR was prepared by Richard Baldwin, PG, who is not an FPM employee, and is included in Attachment B.

The results from the QA/QC samples collected during this monitoring event were evaluated during DUSR preparation; a complete discussion of the QA/QC results is included in the DUSR. As per information in the DUSR, the chemical analytical data from the groundwater samples collected were determined to be of acceptable quality for their intended purpose.

Groundwater Monitoring Results

Groundwater Flow Direction

Regional groundwater flow in the Upper Glacial Aquifer in the Site area is generally to the southeast. Groundwater levels have been measured during multiple events at the Site monitoring wells. Table 1 (attached) summarizes the measurements obtained during this monitoring event and prior monitoring events extending back to 2009. Water levels measured during the June 2025 monitoring event are recorded and contoured as shown on Figure 1 (attached). It was noted that the water level in water table well MW-2 was not consistent with the water levels in nearby water table wells MW-8 or MW-9 It is possible that a field measurement error occurred at this well or that the top of casing elevation of MW-2 has altered since the time it was installed and surveyed (1986). Further evaluation of this condition is planned as discussed in the Summary and Recommendations section below.

The groundwater levels obtained from the water table wells during this monitoring event indicate a southeast groundwater flow direction toward Neguntatogue Creek to the east and Great South Bay, which is located about 0.8 miles to the south, and are generally consistent with prior measurements and the regional groundwater flow direction. Depth to water measurements will continue to be obtained at all the available Site monitoring table wells during future monitoring events to provide additional data with which to evaluate the groundwater flow direction.

Volatile Organic Compounds

The VOC data from the June 2025 sampling event are presented on Table 2 (attached); data from previous sampling events are also shown on Table 2 for comparison purposes. Figure 1 (attached) shows the VOC data from the past three monitoring events for each well in the monitoring program and for the additional wells that were sampled in January 2024. It should be noted that the data tables on Figure 1 include the VOCs that have been most consistently detected at this Site, including PCE, cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), and TCE. The data are evaluated with respect to the NYSDEC Standards, exceedances of which are shaded and shown in bold type.

Well MW-1, which is located a short distance upgradient of the former LP-1 area, was not sampled during the June 2025 monitoring event and exhibited no detections of any Site-related VOCs in January 2024. These results are consistent with historic results from this monitoring well and demonstrate that Site-related impacts are not present upgradient of the former source area.

Well MW-14, formerly located in the immediate vicinity of the former source area and now destroyed, was most recently sampled for VOCs in June 2017 and August 2015, and during prior monitoring events. VOC concentrations remained below the NYSDEC Standards in 2015 and 2017 with the exceptions of relatively low concentrations of PCE (14 to 19 micrograms per liter, or µg/l). PCE was not detected in 2009 or 2011 and was detected below its NYSDEC Standard in 2013. PCE was previously detected at up to 300 µg/l in this well. Other Site-related VOCs, including cis-1,2-DCE, VC, and TCE, were previously detected in this well above NYSDEC Standards.

At well **MW-9**, located somewhat downgradient of the former source area, no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2009. No Site-related VOCs have been detected in this well since at least 2011. PCE was previously detected at up to 279 µg/l in this well (1998) and other Site-

related VOCs, including cis-1,2-DCE, TCE, and VC, previously exceeded NYSDEC Standards through 2007.

At well **MW-8**, located further downgradient of the former source area, no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2017. PCE was most recently detected above its NYSDEC Standard in this well in October 2013 and August 2015 (29 and 31 µg/l, respectively). PCE was previously detected at up to 368 µg/l in this well (1998) and other Site-related VOCs, including cis-1,2-DCE and TCE, also previously exceeded Standards.

At well **MW-12** in the vicinity of Neguntatogue Creek no exceedances of the NYSDEC Standards were noted for any VOCs during the June 2025 monitoring event or in prior years dating back to 2017. Exceedances of the NYSDEC Standards were most recently noted in this well in August 2015, including PCE at 7.6 ug/l and cis-1,2-DCE at 8.1 ug/l. Previously, PCE, cis-1,2-DCE, TCE, and/or VC have been sporadically detected in this well at low to moderate concentrations.

Well MW-13, formerly located in the vicinity of Neguntatogue Creek and now destroyed, was not sampled during the June 2025 or January 2024 monitoring events and exhibited no exceedances of the NYSDEC Standards in 2017, when it was last sampled. Exceedances of the NYSDEC Standards were most recently noted in this well in August 2015, including PCE at 13 ug/l and cis-1,2-DCE at 9.8 ug/l. Previously, PCE, cis-1,2-DCE, and/or TCE have been sporadically detected in this well at low to moderate concentrations.

Well MW-10, which is located downgradient and somewhat crossgradient of the former source area, was not sampled during the June 2025 monitoring event and exhibited no detections of any Site-related VOCs in January 2024. This well was previously sampled in 1998, at which time low estimated concentrations (below Standards) of PCE and TCE were detected, suggestive of the outer edge of the Site-related plume. The 2024 data are consistent with the overall diminution of the plume of Site-related VOCs over time documented at the other monitoring wells.

The concentrations of Site-related VOCs in each well for the three most recent monitoring events are shown on Figure 1. These data indicate that generally low VOC impacts remained present at the Site during the period from 2017 to the present, primarily in and downgradient of the former source area. PCE somewhat exceeded its NYSDEC Standard in immediate downgradient proximity to the former source area (well MW-14) when this well was last sampled in 2017. Further downgradient at wells MW-8 and MW-9 no VOCs were detected above the NYSDEC Standards in 2017, 2024, or 2025 and no Site-related VOCs have been detected in MW-9 since at least 2011. Similarly, at wells MW-12 and/or MW-13 in the vicinity of Neguntatogue Creek no VOCs were detected above NYSDEC Standards in 2017, 2024, or 2025. These data indicate that the source of groundwater VOCs has been remediated and the remaining residual concentrations are limited and anticipated to continue to decline.

Efforts to Locate Additional Site Monitoring Wells

Efforts to locate all the remaining Site monitoring wells were made during the June 2025 monitoring event. Wells MW-1, MW-2, MW-6, MW-8, MW-9, MW-10, and MW-12 were located, accessed, and assessed as described above. Wells MW-13 and MW-14 were not located during the 2024 monitoring event and were not evident during the June 2025 monitoring event. These wells are presumed to have been destroyed, as previously discussed.

Wells MW-3, MW-4, and MW-7 were formerly located in a grassy area to the south of the Site building and wells MW-5 and MW-11 were formerly located offsite in a public park to the north of the Site, as shown on Figure 1. None of these wells was visible during the June 2025 Site-wide inspection or monitoring event. The vicinity of the locations of wells MW-3, MW-4, MW-5, MW-7, and MW-11 were screened with a hand-held Schonstedt GA-52CX magnetic locator instrument in June 2025 to identify the steel manhole lid that formerly covered each well.

Magnetic anomalies were identified at the onsite well locations (MW-3, MW-4 and MW-7) and each was hand-excavated to expose the associated well. Each of these locations was found to have a former monitoring well that appeared to have been abandoned. The casings appeared to have been filled with concrete, cut off below grade, and, and in one case, capped with the steel manhole that had been welded shut. Photos showing the condition of these former wells are included in Attachment C. These wells were installed by NYSDEC contractors between 1986 and 1992 and were last monitored in 1989 (MW-3), 1992 (MW-7), and 1998 (MW-4). None of these wells exhibited exceedances of the NYSDEC Standards for any VOCs and none were included in the monitoring programs in the 2002 Operation and Monitoring Plan or the current SMP for this Site. The current and most recent former Site owners (Peter Buccino and David Kjeldsen, respectively) were asked if they had any knowledge of the abandonment of these wells, but neither had any information about well abandonment. The now-deceased brother of the former Site owner (Bob Kjeldsen) managed all the environmental matters concerning the Site, so no further information is available. It appears likely that he had the wells abandoned after it was determined that they were not to be included in the monitoring program.

No magnetic anomalies were identified at the MW-5 or MW-11 locations. Each location was probed with a steel rod and the surface vegetation and some soil were removed to improve visibility. No wells were found at the former well locations. We noted that this area of the park does not have any concrete curb and is not landscaped. The area is overgrown with weedy vegetation and appears to be periodically scraped during snowplowing activities. It appears that these wells were either destroyed during snowplowing or abandoned by Bob Kjeldsen.

Summary and Recommendations

Groundwater monitoring was conducted in June 2025 (2Q 2025) in general accordance with the procedures in the SMP. The groundwater levels obtained from the water table wells indicate a southeast groundwater flow direction toward Neguntatogue Creek to the east and Great South Bay to the south and are generally consistent with prior measurements and the regional groundwater flow direction. The groundwater level at MW-2 is anomalous and further assessment is recommended, as discussed below.

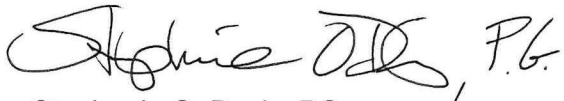
No exceedances of the NYSDEC Standards were identified in downgradient wells MW-8, MW-9 or MW-12 in June 2025. The current and recent historic monitoring data indicate that generally low VOC impacts remained present at the Site from 2017 to the present, primarily in and downgradient of the former leaching pools (former source area). PCE somewhat exceeded its NYSDEC Standard in immediate downgradient proximity to the former source area (well MW-14) when this well was last sampled in 2017. No VOCs were detected above the NYSDEC Standards in 2017, 2024, or 2025 at any of the wells further downgradient, including wells MW-8, MW-9, MW-12, and/or MW-13. These data indicate that the source of groundwater VOCs has been remediated and the site-related groundwater plume is decreasing in both size and concentration and is limited to the proximity of the former source area. It is likely that VOC concentrations in the downgradient groundwater will continue to generally decrease, consistent with the observed continued declining trend for the past 20 years following remediation.

Based on the June 2025 monitoring observations and results, we have the following recommendations:

- Wells MW-9 and MW-12 should be redeveloped to remove accumulated sediment. This will facilitate low-flow sampling and more accurate water level readings in both wells.
- Monitoring of wells MW-8 and MW-12 should be continued so that data are available to evaluate the ongoing improvement of groundwater quality following remediation.
- Following redevelopment, well MW-9 should be monitored and the data assessed to confirm that they represent actual groundwater conditions. If the additional data are consistent with prior data (no Site-related VOCs have been detected in this downgradient well since 2009 and no exceedances of the NYSDEC Standards have been noted since 2007), then termination of monitoring may be recommended for well MW-9.
- Prior to the next monitoring event the top of casing relative elevations should be resurveyed for all the remaining wells. Given the age of the wells and possible settlement over time, re-surveying is anticipated to provide better information with which to assess the groundwater flow direction.
- Depth to groundwater measurements should continue to be obtained in the remaining Site monitoring wells to provide data needed to evaluate the groundwater flow direction.
- A peristaltic pump will be considered for future monitoring events to achieve the required flow rate of 300 to 500 ml/min (0.08 to 0.13 gallons per minute) for low-flow sampling. Use of this type of pump will also facilitate purging and sampling well MW-12 which has a bend in its casing. Indicator parameters will be measured every five minutes and three consecutive stable readings will be used to assess stability.

Should you have any questions, please do not hesitate to call me at (631) 737-6200, ext. 528.

Sincerely,



Stephanie O. Davis, PG
Senior Project Manager

SOD:sod
Attachments

cc: Peter Buccino

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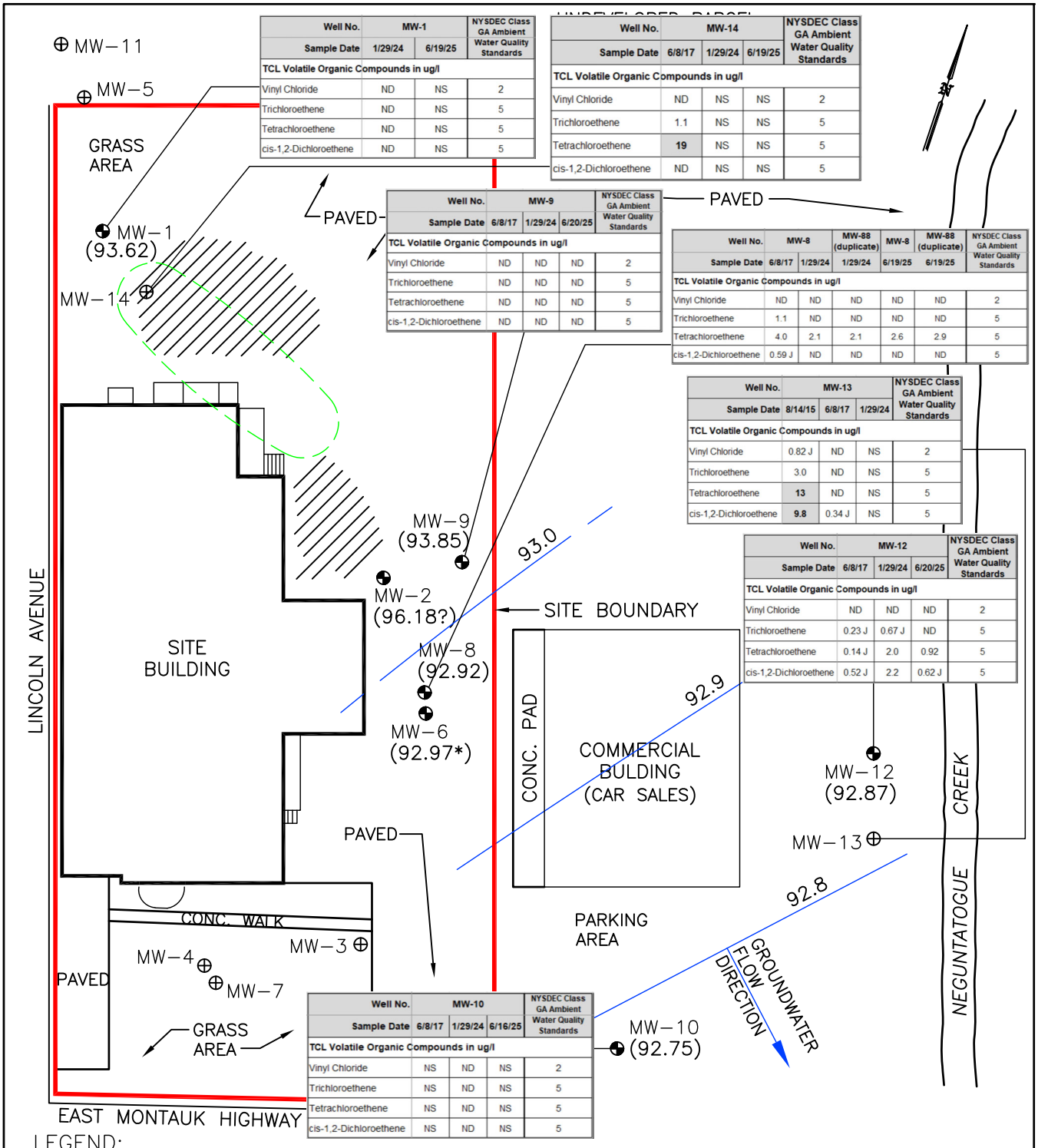

Well No.	MW-1		NYSDEC Class GA Ambient Water Quality Standards
Sample Date	1/29/24	6/19/25	
TCL Volatile Organic Compounds in ug/l			
Vinyl Chloride	ND	NS	2
Trichloroethene	ND	NS	5
Tetrachloroethene	ND	NS	5
cis-1,2-Dichloroethene	ND	NS	5

Well No.	MW-14			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/19/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	NS	NS	2
Trichloroethene	1.1	NS	NS	5
Tetrachloroethene	**19**	NS	NS	5
cis-1,2-Dichloroethene	ND	NS	NS	5

Well No.	MW-9			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/20/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	ND	ND	2
Trichloroethene	ND	ND	ND	5
Tetrachloroethene	ND	ND	ND	5
cis-1,2-Dichloroethene	ND	ND	ND	5

Well No.	MW-8	MW-88 (duplicate)	MW-8	MW-88 (duplicate)	NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/19/25	6/19/25	
TCL Volatile Organic Compounds in ug/l					
Vinyl Chloride	ND	ND	ND	ND	2
Trichloroethene	1.1	ND	ND	ND	5
Tetrachloroethene	4.0	2.1	2.6	2.9	5
cis-1,2-Dichloroethene	0.59 J	ND	ND	ND	5

Well No.	MW-13			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	8/14/15	6/8/17	1/29/24	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	0.82 J	ND	NS	2
Trichloroethene	3.0	ND	NS	5
Tetrachloroethene	**13**	ND	NS	5
cis-1,2-Dichloroethene	**9.8**	0.34 J	NS	5

Well No.	MW-12			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/20/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	ND	ND	ND	2
Trichloroethene	0.23 J	0.67 J	ND	5
Tetrachloroethene	0.14 J	2.0	0.92	5
cis-1,2-Dichloroethene	0.52 J	2.2	0.62 J	5

Well No.	MW-10			NYSDEC Class GA Ambient Water Quality Standards
Sample Date	6/8/17	1/29/24	6/16/25	
TCL Volatile Organic Compounds in ug/l				
Vinyl Chloride	NS	ND	NS	2
Trichloroethene	NS	ND	NS	5
Tetrachloroethene	NS	ND	NS	5
cis-1,2-Dichloroethene	NS	ND	NS	5

LEGEND:

- MW-8 (92.97) — GROUNDWATER MONITORING WELL (WATER TABLE RELATIVE ELEVATION JUNE 2025)
- (92.97*) — (POTENTIOMETRIC SURFACE ELEVATION)
- SITE BOUNDARY
- FORMER LEACHING POOL AREA
- 93.0 — GROUNDWATER RELATIVE ELEVATION
- APPROXIMATE EXTENT OF SITE-RELATED VOC PLUME
- GROUNDWATER MONITORING WELL NO LONGER PRESENT

FPM GROUP

FIGURE 1
GROUNDWATER FLOW DIRECTION & ANALYTICAL RESULTS – JUNE 2025

CARDWELL CONDENSER CORPORATION SITE
80 EAST MONTAUK HIGHWAY
LINDENHURST, NEW YORK

Drawn By: B.F.	Checked By: S.D.	Date: 6/30/25

TABLE 1
WATER TABLE DATA
CARDWELL CONDENSER SITE
80 EAST MONATUK HIGHWAY, LINDENHURST, NEW YORK

Well No.	Top of Casing rel. elev. (ft)	Well Depth (ft below grade)	Screen Interval (ft below grade)	Depth to Water (ft) 12/10/09	Water Table Relative Elev. (ft)	Depth to Water (ft) 8/14/15	Water Table Relative Elev. (ft)	Depth to Water (ft) 6/8/17	Water Table Relative Elev. (ft)	Depth to Water (ft) 4/17/18	Water Table Relative Elev. (ft)	Depth to Water (ft) 1/29/24	Water Table Relative Elev. (ft)	Well Depth (ft) 6/19/2025	Depth to Water (ft) 6/19/2025	Water Table Relative Elev. (ft)
MW-1*	100.89	30***	10 - 30***	-	-	-	-	-	-	6.71	94.18	6.81	94.08	28.31	7.27	93.62
MW-2*	100.00	28.5***	8.5 - 28.5***	-	-	-	-	-	-	-	-	-	-	25.85	3.82	96.18
MW-6**	97.24	65***	45 - 65***	-	-	-	-	-	-	-	-	-	-	62.81	4.27	92.97
MW-8*	97.34	12	4 - 12	4.12	93.22	4.41	92.93	4.37	92.97	4.34	93.00	4.65	92.69	14.22	4.42	92.92
MW-9*	96.70	14.2	4.2 - 14.2	3.53	93.17	3.88	92.82	3.85	92.85	-	-	1.59	95.11	4.51	2.85	93.85
MW-10*	95.58	13	1.5 - 13	-	-	-	-	-	-	-	-	2.23	93.35	-	2.83	92.75
MW-12*	96.99	16	4 - 16	4.45	92.54	4.48	92.51	4.42	92.57	-	-	4.70	92.29	8.35	4.12	92.87
MW-13*	96.95	16	4 - 16	4.40	92.55	4.42	92.53	4.37	92.58	-	-	-	-	-	-	-
MW-14*	97.89	9	4 - 9	4.22	93.67	4.63	93.26	4.60	93.29	4.58	93.31	-	-	-	-	-

Notes:
- = Not measured
* = Denotes water table well (emergent screen)
** = Denotes deeper well (submerged screen)
*** = Denotes derived information (well log unavailable)

FPM

TABLE 2
GROUNDWATER CHEMICAL ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
CARDWELL CONDENSER SITE
LINDENHURST, NEW YORK

Well No.	MW-1	MW-8													MW-88 (duplicate)	MW-8	MW-85 (duplicate)	MW-9														MW-10												NYSDEC Class GA Ambient Water Quality Standards
Sample Date	1/29/24	6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	4/19/11	10/1/13	8/14/15	6/8/17	1/29/24		6/19/25		6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	4/19/11	10/1/13	8/14/15	6/8/17	1/29/24	6/20/25	6/3/98	6/2/05	11/8/05	6/9/06	11/30/06	5/2/07	11/26/07	12/10/09	10/1/13	8/14/15	6/8/17	1/29/24	
Target Compound List Volatile Organic Compounds in micrograms per liter (ug/l)																																										
Vinyl Chloride	ND	ND	ND	0.5 JM	2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**57.2**	ND	**4 JM**	0.8 J	ND	**4.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	2
Methylene Chloride	ND	ND	ND	ND	ND	ND	ND	ND	0.40 JB	0.33 JB	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.40 JB	0.32 JB	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**9.22 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Acetone	ND	ND	ND	ND	ND	ND	ND	ND	1.3 JB	2.8 J*B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	9 J	6 J	ND	ND	27 B	12 *B	39	ND	4.1 J	ND	36	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
Carbon Disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	-
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**21.0 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**32.8 J**	ND	ND	ND	ND	1.9 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	0.47 J	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	0.10 J	ND	0.12 J	ND	ND	0.86 J	0.74 J	5.7	5.2	ND	ND	ND	ND	ND	ND	ND	0.42 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.41 J	7
Methyl Ethyl Ketone	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	5.2 J	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Methyl tert butyl ether	0.59 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.32 J	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**41.6 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Trichloroethene	ND	**21.9 J**	3 J	4 J	3 J	3 J	0.77 J	ND	0.62 J	0.28 J	1.1	0.82 J	1.1	ND	ND	ND	ND	**62.3**	0.5 J	**8 J**	0.8 J	1 J	1.4 J	ND	ND	ND	ND	ND	ND	ND	ND	0.722 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.087 J	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	1
Tetrachloroethene	ND	**368**	**97**	**70**	**120**	**88 B**	**34**	**12**	**25**	1.3 J	**29**	**31**	4.0	2.1	2.2	2.6	2.9	**279**	**6 J**	**160**	**14**	**16 B**	**53**	**11**	0.11 J	ND	ND	ND	ND	ND	ND	0.652 J	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Toluene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**13.9 J**	ND	ND	ND	ND	ND	ND	ND	ND	0.16 J	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**10.4 J**	ND	ND	ND	ND	0.90 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	50
Xylene (total)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5
cis-1,2-Dichloroethene	ND	**23.9 J**	5 J	3 J	**6 J**	1 J	ND	ND	0.22 J	0.12 J	0.66 J	ND	0.59 J	ND	ND	ND	ND	**580**	0.7 J	**44**	3 J	1 J	**6.7 J**	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
trans-1,2-Dichloroehtene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ND	5*
Total Volatile Organic Compounds	0.59	413.8	105	77.5	131	92	34.77	12	27.54	7.03	30.88	31.82	7.39	2.96	2.96	8.3	8.1	1,121.32	7.2	216	27.6	24	68.5	11	30.45	17.52	40.087	0.47	4.1	ND	36.0	1.374	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.41	-

Notes:
ND = Not detected at or above instrument detection limit.
NS = Not sampled
J = Estimated concentration less than the quantitation limit but greater than the instrument detection limit.
B = Compound detected in an associated blank sample.
- = Not established.
* = The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
NYSDEC = New York State Department of Environmental Conservation.
Bold shaded values exceed the NYSDEC Class GA Ambient Water Quality Standard.

TABLE 2 (CONTINUED)
GROUNDWATER CHEMICAL ANALYTICAL DATA - VOLATILE ORGANIC COMPOUNDS
CARDWELL CONDENSER SITE
LINDENHURST, NEW YORK

Well No.	MW-12														MW-13**													MW-14**												NYSDEC Class GA Ambient Water Quality Standards
Sample Date	**1/5/00**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	**6/20/25**	**1/5/00**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	**5/8/02**	**6/2/05**	**11/8/05**	**6/9/06**	**11/30/06**	**5/2/07**	**11/26/07**	**11/26/07**	**12/10/09**	**4/19/11**	**10/1/13**	**8/14/15**	**6/8/17**	**1/29/24**	
Target Compound List Volatile Organic Compounds in micrograms per liter (ug/l)																																								
Vinyl Chloride	ND	ND	NS	NS	NS	NS	NS	0.41 J	ND	**8.4**	0.60 J	ND	ND	ND	ND	NS	2 J	0.7 J	ND	ND	0.24 JM	ND	ND	0.70 J	0.82 J	ND	NS	**17 J**	ND	**33**	**4 J**	ND	**6.4 J**	**4.4 J**	**4.4 J**	ND	ND	ND	ND	ND	NS	2
Methylene Chloride	ND	ND	NS	NS	NS	NS	NS	0.44 JB	0.38 JB	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	0.42 JB	0.31 JB	ND	ND	0.25 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.50 JB	0.37 JB	ND	ND	ND	NS	5*
Chloromethane	ND	ND	NS	NS	NS	NS	NS	0.19 J	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	-
Chloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Acetone	ND	ND	NS	NS	NS	NS	NS	1.1 JB	3.6 J*B	ND	ND	2.3 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	3.0 JB	3.6 J*B	ND	ND	1.7 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	19 B	5.6 J*B	ND	ND	2.2 J	NS	-
Carbon Disulfide	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	0.21 J	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	-
1,1-Dichloroethene	ND	ND	NS	NS	NS	NS	NS	ND	ND	0.16 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	4 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
1,1-Dichloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.37 J	0.64 J	1.7	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	0.40 J	0.41 J	1.7	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.75 J	ND	ND	NS	5
Chloroform	ND	ND	NS	NS	NS	NS	NS	0.10 J	ND	ND	ND	0.35 J	0.36 J	ND	ND	NS	ND	ND	ND	0.53 J	ND	ND	ND	ND	ND	0.33 J	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.59 J	ND	ND	ND	ND	NS	7
Methyl Ethyl Ketone	ND	ND	NS	NS	NS	NS	NS	ND	3.4 J	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	4.2 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	6.0 J	ND	ND	ND	NS	50
Bromodichloromethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	NS	50
Dibromochloromethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	0.18 J	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.54 J	ND	ND	ND	ND	NS	50
1,1,1-Trichloroethane	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Trichloroethene	**8 J**	0.9 J	NS	NS	NS	NS	NS	1.5 J	ND	2.5	1.8	0.23 J	0.67 J	ND	**20**	NS	1 J	1 J	0.4 J	1.5 J	ND	ND	ND	0.24 J	3.0	ND	NS	**53**	3 J	**13**	**11**	3 J	4.4 J	2.5 J	2.5 J	ND	ND	0.21 J	1.2	1.1	NS	5
Bromoform	ND	ND	NS	NS	NS	NS	NS	0.11 J	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.20 J	ND	ND	ND	ND	NS	50
Benzene	ND	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	1
Tetrachloroethene	**270**	3 J	NS	NS	NS	NS	NS	**45**	0.19 J	2.9	**7.6**	0.14 J	2.0	0.92	**6 J**	NS	**120**	**19**	**12 B**	**52**	2.5 J	0.87 J	ND	ND	**13**	ND	NS	**300**	**53**	**17**	**56**	**54 B**	**9.4 J**	**8.0 J**	**8.0 J**	ND	ND	2.3	**14**	**19**	NS	5
Toluene	0.5 J	ND	NS	NS	NS	NS	NS	ND	ND	0.88 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.22 J	ND	ND	NS	5
Chlorobenzene	0.7 J	ND	NS	NS	NS	NS	NS	ND	ND	0.92 J	ND	ND	0.66 J	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	0.38 J	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
Styrene	0.4 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
4-Methyl-2-pentanone	2 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	50
Xylene (total)	0.6 J	ND	NS	NS	NS	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5
cis-1,2-Dichloroethene	3 J	2 J	NS	NS	NS	NS	NS	**16**	ND	**50**	**6.1**	0.52 J	2.2	0.62 J	2 J	NS	**18**	5 J	2 J	**14**	1.3 J	ND	ND	1.5	**9.8**	0.34 J	NS	**150**	2 J	**171**	**28**	3 J	**36**	**20**	**20**	ND	ND	ND	ND	ND	NS	5*
trans-1,2-Dichloroethene	ND	ND	NS	NS	NS	NS	NS	0.15 J	ND	0.48 J	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NS	5*
Total Volatile Organic Compounds	285.2	5.9	NS	NS	NS	NS	NS	65	7.57	66.61	16.14	5.42	5.89	ND	28	NS	141	25.7	14.4	67.5	4.04	4.5	8.1	2.84	26.59	4.32	NS	524	58	234	99	60	56.2	34.9	34.9	22.79	11.97	1.18	15.2	22.3	NS	-

Notes:

ND = Not detected at or above instrument detection limit.
NS = Not sampled
J = Estimated concentration less than the quantitation limit but greater than the instrument detection limit.
B = Compound detected in an associated blank sample.
- = Not established.
* = The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
** = Well was destroyed between 2017 and 2024.
NYSDEC = New York State Department of Environmental Conservation.
Bold shaded values exceed the NYSDEC Class GA Ambient Water Quality Standard.

FPM

ATTACHMENT A

WELL SAMPLING DATA FORMS

FPM

WELL SAMPLING DATA

Project: Cardwell Condenser Corporation Site (#152035)

Location: 80 East Montauk Highway, Lindenhurst NY

Well No.: MW-12

DTW: 4.12'

Total Depth: 8.35'

Pump Type and Rate: GeoSub / 2" bailer

Notes: * MS/MSD* (Casing bent, can't fit pump down well)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F) °C	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
10:10	4.17	7.53	198	68.8	-53	7.38	53.12
10:11	4.19	7.49	219	67.3	-61	8.17	43.11
10:12	4.21	7.41	243	66.6	-59	9.18	37.7
10:13	4.24	7.38	247	66.2	-63	9.09	23.8
10:14	4.29	7.36	253	66.1	-60	8.94	22.1
10:15	4.32	7.34	251	65.8	-59	8.92	20.4

FPM

WELL SAMPLING DATA

Project: Cardwell Condenser Corporation Site (#152035)

Location: 80 East Montauk Highway, Lindenhurst, NY

Well No.: MW-9

DTW: 2.85'

Total Depth: 4.51'

Pump Type and Rate: GeoSub / 2" bailer

Notes: * High Turbidity *

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F) °C	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
9:45	2.89	7.19	1003	18.47	117	7.87	>1000
9:48	2.93	7.17	983	18.41	121	7.14	>1000
9:51	2.93	7.24	977	18.34	118	6.83	>1000
9:54	2.97	7.21	916	18.14	113	6.17	>1000
9:57	2.98	7.24	880	17.94	112	6.49	983
10:00	3.01	7.23	889	17.84	116	6.67	914

FPM

WELL SAMPLING DATA

Project: Cardwell Condenser Corporation Site (#152035)

Location: 80 East Montauk Highway, Lindenhurst NY

Well No.: MW-8

DTW: 4.42'

Total Depth: 14.22'

Pump Type and Rate: GeoSub (28-31 Hz)

Notes: Low-Flow (DUP MW-88)

TIME (HRS:MINS)	Water Level (ft)	pH	SPECIFIC CONDUCTIVITY (µS)	TEMPERATURE (°F) °C	OXIDATION/REDUCTION POTENTIAL (mV)	DISSOLVED OXYGEN (mg/l)	TURBIDITY (NTU)
11:21	4.49	6.54	258	23.86	172	7.29	1.3
11:23	4.51	6.48	189	19.97	183	9.43	2.4
11:25	4.54	6.41	177	19.23	191	9.19	1.6
11:27	4.58	6.39	181	18.92	187	8.56	0.8
11:29	4.62	6.47	186	18.74	177	7.97	0.4
11:31	4.64	6.41	192	18.64	182	7.14	0.3
11:33	4.66	6.43	191	18.14	186	7.69	0.1

FPM

ATTACHMENT B

DATA USABILITY SUMMARY REPORT

FPM

DATA USABILITY SUMMARY REPORT
FOR JUNE 2025 GROUNDWATER SAMPLING
LAB REPORT #460-329153-1
CARDWELL CONDENSER SITE
LINDENHURST, SUFFOLK COUNTY, NEW YORK

This Data Summary Usability Report (DUSR) was prepared using the entire original laboratory report, including the sample data summary report and the extended data package. The sampling event included three groundwater samples collected from the groundwater monitoring well network including MW-8, MW-9 and MW-12, and associated quality assurance/quality control (QA/QC) samples collected on June 19 and 20, 2025.

Sample Collection Procedures

The samples were collected in laboratory-provided glassware utilizing dedicated or decontaminated sampling equipment. Samples for QA/QC purposes were also obtained to evaluate field sampling methods and laboratory procedures. All sample collection was conducted under Chain of Custody (COC) procedures and in accordance with the QA/QC procedures presented in the approved Site Management Plan (January 2024).

Sample Receipt

All holding times were met and proper preservation was noted for the samples. The samples arrived at the lab in good condition and were properly preserved on ice. The temperature of the cooler upon receipt was 1.1°C. Samples that require thermal preservation are considered acceptable if the arrival temperature is within 2°C of the required temperature or method-specified range.

Sample Analyses

The samples were transmitted via overnight courier and analyzed by Eurofins Environment Testing (Eurofins), Inc. at their Edison, New Jersey facility, which is New York State Department of Health (NYSDOH)-certified for the analyses performed. The samples were prepared and analyzed for New York State Department of Environmental Conservation (NYSDEC) Target Compound List (TCL) volatile organic compounds (VOCs) using Methods 5030C and 8260D. The analytical and preparation methods and analytes are appropriate for the intended use of the data. No problems with sample management or handling were reported by the laboratory.

Field QA/QC samples including a blind duplicate sample, two field blanks (equipment rinsate blanks) and two trip blank samples, were collected to evaluate field sampling methods and laboratory procedures. Extra volume was also provided for a site-specific matrix spike/matrix spike duplicate (MS/MSD) QA/QC sample.

None of the samples required dilution for any of the analytes.

QA/QC Results

Equipment Blank Samples

Field blank samples were collected on June 19th and 20th. Acetone, detected at a concentration of 5.1 micrograms per liter (ug/l) in the FB0620 sample, was the only TCL VOC detected at a

concentration exceeding its respective Method Detection Limit (MDL). The acetone MDLs for all of the samples within this SDG have been increased to 5.1 ug/l and assigned a "UJ" data qualifier. In general, the field blank results indicate that potential contamination associated with field sampling procedures is unlikely.

Surrogate Samples

Surrogate recoveries in each of the samples were within acceptance limits, indicating that the data are anticipated to be accurate.

Trip Blank Samples

Two trip blank samples were used to verify that cross-contamination of samples did not occur in the field or laboratory. The trip blank samples showed no detections of TCL VOCs. Based on these results, cross-contamination does not appear to present a concern in this data set.

Blind Duplicate Sample

A duplicate sample was collected and utilized to evaluate the precision of the laboratory analysis. The results from the duplicate sample (MW-85) and the associated parent sample (MW-8) are almost identical and, therefore, the laboratory results are likely to be precise.

MS/MSD Samples

A matrix spike/matrix spike duplicate (MS/MSD) sample was prepared to evaluate the effect of the matrix on the reliability of the analytical results. Spiking occurs in the laboratory prior to sample preparation and analysis. One MS/MSD sample was collected during this sampling event. Based on information provided by the analytical laboratory, the MS/MSD results were all within QC limits, except as follows:

- Dichlorodifluoromethane failed the recovery criteria low for the MS of Sample MW-12MS (460-329153-6) in Batch 460-1046417. 1,1,2,2-Tetrachloroethane failed the recovery criteria high. All of the sample results associated with this batch were appropriately flagged.

- Dichlorodifluoromethane failed the recovery criteria low for the MSD of Sample MW-12MSD (460-329153-6) in Batch 460-1046417. 1,1,2,2-Tetrachloroethane, 1,1,2-trichloroethane and 1,2-dibromo-3-chloropropane failed the recovery criteria high. All of the sample results associated with this batch were appropriately flagged.

Based upon these results, matrix-related effects have not significantly affected the analytical results.

Method Blank Samples

Method blank (MB) samples were analyzed by the laboratory to evaluate the potential for cross-contamination associated with the sample preparation and analysis. The MB results did not show concentrations of TCL VOCs above their MDLs. Based on these results, the sample data set appears unaffected by cross-contamination during sample preparation and analysis.

Laboratory Control Samples and Duplicates

Laboratory control samples (LCSs) and duplicates (LCSDs) were used by the laboratory to verify the accuracy and precision of the analyses. The LCS/LCSD results were all within established guidelines, with the following exceptions:

- 1,1,2,2-Tetrachloroethane failed the recovery criteria high for LCS 460-1046417/4. 1,1,2,2-Tetrachloroethane and 1,1,2-trichloroethane failed the recovery criteria high for LCSD 460-1046417/5. All of the sample results associated with this batch were appropriately flagged.

Continuing Calibration Verification

Continuing calibration verifications (CCVs) are midrange calibration standards that are analyzed in order to verify that the calibration of the analytical system is still acceptable and instrument calibration drift has not occurred. No target compounds exhibiting CCV excursions were noted in the laboratory Form VIIs with the following exceptions:

- The CCV analyzed in Batch 460-1046417 was outside the method criteria for the following analytes: 1,1,2,2-tetrachloroethane (biased high), chlorodifluoromethane (biased low) dichlorodifluoromethane (biased low) and trichlorofluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis proceeded; however, any detection for the affected analytes should be considered as estimated. As none of these TCL VOCs were detected in Batch 460-1046417 at concentrations above their respective MDLs, no revisions to the summary table are required.

- The CCV analyzed in Batch 460-1046598 was outside the method criteria for the following analytes: 1,1,2,2-tetrachloroethane and 1,1,2-trichloroethane (biased high); and, dichlorodifluoromethane, chlorodifluoramethane and trichlorofluoromethane (biased low). A CCV standard at or below the RL was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis proceeded; however, any detection for the affected analytes should be considered as estimated. As none of these TCL VOCs were detected in Batch 460-1046598 at concentrations above their respective MDLs, no revisions to the summary table are required.

- A few TCL VOCs were noted in the Form VIIs as CCV excursions but were not included in the laboratory data sheets or data summary tables as they were not NYSDEC target compounds.

Questions and Responses

1. Is the data package complete as defined under the current requirements for the NYSDEC ASP Category B or USEPA CLP deliverables?

   The data package is complete. The external and internal chain of custody forms are present and complete. The case narrative and sample analysis summaries are present and complete. The analytical QA/QC summary forms, including surrogate recovery forms, LCS forms, IDL forms, initial and continuing calibration summary forms, standards raw data, tuning criteria report, and MB data are all present and complete. The data report forms, including sample prep logs, and injection logs are all present and complete. The raw data used to identify and quantify the contract-specified analytes are present and complete.

Data completeness for the field program was also verified. The numbers and types of samples collected are in general agreement with the Site Management Plan.

2. Have all holding times been met?

   All samples were received and analyzed within the EPA-recommended holding times for the analyses performed.

3. Do all the QC data: blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data, fall within the protocol-required limits and specifications?

   No – Although nearly all the QC data were found to fall within the protocol-required limits and specifications, minor exceptions were noted as discussed above. However, these exceptions do not appear to significantly affect the data set.

4. Have all the data been generated using established and agreed-upon analytical protocols?

   Yes - all of the data were generated using Method 5030C/8260D for TCL VOCs.

5. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

   Yes – a representative number of raw data results were compared with the reported data results to confirm that the reported analytical results (identification and quantification) are substantiated by the raw data.

6. Have the correct data qualifiers been used?

   Yes – results below the quantitation limit and above the method detection limit have been J-qualified, and results analyzed for but not detected have been U-qualified. Other qualifiers associated with minor MS/MSD and LCS/LCSD excursions were indicated and applied.

7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheets from the data package been attached to the DUSR?

   Yes – exceedances have been noted in the DUSR and the corresponding QC summary sheets are attached.

Conclusions

The groundwater samples were collected in accordance with NYSDEC guidance. No field or laboratory conditions occurred that would result in non-valid analytical data other than as noted above. The data appear to be adequate for their intended purpose.

Attachments

Chain of Custody Record 761441

eurofins | Environment Testing

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

TAL-8210

Client Contact	Project Manager: Rob Ferguson	Site Contact: Jake Stamm	Date:	COC No.
Company Name: FPM Group	Tel/Email: r.ferguson@fpmgroup.com	Lab Contact: Karen Smetana	Carrier:	1 of 1 COCs
Address: 640 Johnson Ave, Suite 101	Analysis Turnaround Time			Sampler:
City/State/Zip: Bohemia, NY 11716	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: 631-737-6200	TAT if different from Below: STD			Walk-in Client:
Fax:	☐ 2 weeks			Lab Sampling:
Project Name: Cardwell Condenser Site Gw Sampling	☐ 1 week			
Site: 80 East Montauk Highway, Lindenhurst NY	☐ 2 days			Job / SDG No.:
PO# 1438g-25-04	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	TCL VOCs	329153 Sample Specific Notes.
MW-8 1	6/19/25	11 35	-	GW	3	N	Y	X	
MW-85 BLIND DUP 1		11 37							
Trip Blank		12 00		AQ	2				
FB0619 (Equipment Blank)		13 00							
MW-9 2	6/20/25	10 00		GW	3				
MW-12 3		10 30			9	Y			* MS/MSD *
Trip Blank		11 00		AQ	2	N			
FB0620 (Equipment Blank)		11.30							

NYC 222

460-329153 Chain of Custody

Preservation Used: 1= Ice, 2= HCl, 3= H2SO4, 4=HNO3, 5=NaOH, 6= Other

Possible Hazard Identification

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months

Special Instructions/QC Requirements & Comments.

* MS/MSD on MW-12 *

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temp (°C): Obs'd.	Corr'd:	Therm ID No.:
Relinquished by	Company: FPM Group	Date/Time:	Received by: 06-23-25	Company: ETA 2 06
Relinquished by: 06-23-25	Company:	Date/Time: 1700	Received by:	Company:	Date/Time:
Relinquished by	Company: FEET	Date/Time: 6/23/25 1900	Received in Laboratory by	Company: ETA	Date/Time: 6/23/25 190

NO CS IR#9 0.7-1.1

6/30/2025 2:21:52 PM

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Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 329153

[redacted]

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or OAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date. _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM

Date: 6/23/25

Login Sample Receipt Checklist

Client: FPM Group Ltd

Job Number: 460-329153-1

Login Number: 329153
List Number: 1
Creator: Thundathorn, Sukanan 1

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Client Sample ID: FB0620 (Equipment Blank)
Date Collected: 06/20/25 11:30
Date Received: 06/23/25 19:00

Lab Sample ID: 460-329153-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.37	U	1.0	0.37	ug/L			06/27/25 19:28	1
1,2-Dibromo-3-Chloropropane	0.38	U	1.0	0.38	ug/L			06/27/25 19:28	1
1,2-Dichlorobenzene	0.21	U	1.0	0.21	ug/L			06/27/25 19:28	1
1,2-Dichloroethane	0.087	U	0.30	0.087	ug/L			06/27/25 19:28	1
1,2-Dichloropropane	0.074	U	0.92	0.074	ug/L			06/27/25 19:28	1
1,3-Dichlorobenzene	0.34	U	1.0	0.34	ug/L			06/27/25 19:28	1
1,4-Dichlorobenzene	0.33	U	1.0	0.33	ug/L			06/27/25 19:28	1
2-Butanone (MEK)	3.9	U	5.0	3.9	ug/L			06/27/25 19:28	1
2-Hexanone	1.1	U	5.0	1.1	ug/L			06/27/25 19:28	1
4-Methyl-2-pentanone (MIBK)	1.3	U	5.0	1.3	ug/L			06/27/25 19:28	1
Acetone	**5.1**		5.0	4.4	ug/L			06/27/25 19:28	1
Benzene	0.070	U	0.45	0.070	ug/L			06/27/25 19:28	1
Bromoform	0.54	U	1.0	0.54	ug/L			06/27/25 19:28	1
Bromomethane	0.55	U	1.0	0.55	ug/L			06/27/25 19:28	1
Carbon disulfide	0.82	U	1.0	0.82	ug/L			06/27/25 19:28	1
Carbon tetrachloride	0.21	U	1.0	0.21	ug/L			06/27/25 19:28	1
Chlorobenzene	0.38	U	1.0	0.38	ug/L			06/27/25 19:28	1
Chlorobromomethane	0.41	U	1.0	0.41	ug/L			06/27/25 19:28	1
Chlorodibromomethane	0.086	U	0.78	0.086	ug/L			06/27/25 19:28	1
Chloroethane	0.32	U	1.0	0.32	ug/L			06/27/25 19:28	1
Chloroform	0.33	U	1.0	0.33	ug/L			06/27/25 19:28	1
Chloromethane	0.40	U	1.0	0.40	ug/L			06/27/25 19:28	1
cis-1,2-Dichloroethene	0.48	U	1.0	0.48	ug/L			06/27/25 19:28	1
cis-1,3-Dichloropropene	0.069	U	0.45	0.069	ug/L			06/27/25 19:28	1
Cyclohexane	0.32	U	1.0	0.32	ug/L			06/27/25 19:28	1
Dichlorobromomethane	0.15	U	0.98	0.15	ug/L			06/27/25 19:28	1
Dichlorodifluoromethane	0.31	U	1.0	0.31	ug/L			06/27/25 19:28	1
Ethylbenzene	0.30	U	1.0	0.30	ug/L			06/27/25 19:28	1
Ethylene Dibromide	0.50	U	1.0	0.50	ug/L			06/27/25 19:28	1
Isopropylbenzene	0.34	U	1.0	0.34	ug/L			06/27/25 19:28	1
Methyl acetate	0.79	U	5.0	0.79	ug/L			06/27/25 19:28	1
Methyl tert-butyl ether	0.22	U	1.0	0.22	ug/L			06/27/25 19:28	1
Methylcyclohexane	0.71	U	1.0	0.71	ug/L			06/27/25 19:28	1
Methylene Chloride	0.65	U	1.0	0.65	ug/L			06/27/25 19:28	1
m-Xylene & p-Xylene	0.30	U	1.0	0.30	ug/L			06/27/25 19:28	1
o-Xylene	0.36	U	1.0	0.36	ug/L			06/27/25 19:28	1
Styrene	0.42	U	1.0	0.42	ug/L			06/27/25 19:28	1
Tetrachloroethene	0.28	U	0.40	0.28	ug/L			06/27/25 19:28	1
Toluene	0.38	U	1.0	0.38	ug/L			06/27/25 19:28	1
trans-1,2-Dichloroethene	0.24	U	1.0	0.24	ug/L			06/27/25 19:28	1
trans-1,3-Dichloropropene	0.12	U	0.45	0.12	ug/L			06/27/25 19:28	1
Trichloroethene	0.074	U	0.28	0.074	ug/L			06/27/25 19:28	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			06/27/25 19:28	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			06/27/25 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*06/27/25 19:28*	*1*
4-Bromofluorobenzene	*99*		*76 - 120*		*06/27/25 19:28*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*06/27/25 19:28*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/27/25 19:28*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1046417/9
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	0.074	U	0.28	0.074	ug/L			06/27/25 11:17	1
Trichlorofluoromethane	0.32	U	1.0	0.32	ug/L			06/27/25 11:17	1
Vinyl chloride	0.40	U	1.0	0.40	ug/L			06/27/25 11:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*		*06/27/25 11:17*	*1*
4-Bromofluorobenzene	*97*		*76 - 120*		*06/27/25 11:17*	*1*
Dibromofluoromethane (Surr)	*97*		*77 - 132*		*06/27/25 11:17*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/27/25 11:17*	*1*

Lab Sample ID: LCS 460-1046417/4
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	17.4		ug/L		87	72 - 128
1,1,2,2-Tetrachloroethane	20.0	27.9	*+	ug/L		140	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.2		ug/L		106	65 - 142
1,1,2-Trichloroethane	20.0	23.8		ug/L		119	74 - 125
1,1-Dichloroethane	20.0	19.7		ug/L		99	73 - 130
1,1-Dichloroethene	20.0	21.6		ug/L		108	68 - 133
1,2,3-Trichlorobenzene	20.0	19.8		ug/L		99	55 - 150
1,2,4-Trichlorobenzene	20.0	20.7		ug/L		103	67 - 132
1,2-Dibromo-3-Chloropropane	20.0	24.5		ug/L		122	58 - 132
1,2-Dichlorobenzene	20.0	20.3		ug/L		102	80 - 120
1,2-Dichloroethane	20.0	17.7		ug/L		89	66 - 129
1,2-Dichloropropane	20.0	20.2		ug/L		101	72 - 128
1,3-Dichlorobenzene	20.0	18.9		ug/L		94	80 - 120
1,4-Dichlorobenzene	20.0	18.8		ug/L		94	80 - 120
2-Butanone (MEK)	100	96.9		ug/L		97	65 - 142
2-Hexanone	100	82.1		ug/L		82	72 - 134
4-Methyl-2-pentanone (MIBK)	100	86.4		ug/L		86	77 - 130
Acetone	100	106		ug/L		106	60 - 133
Benzene	20.0	19.1		ug/L		96	71 - 126
Bromoform	20.0	16.1		ug/L		81	58 - 128
Bromomethane	20.0	13.0		ug/L		65	33 - 150
Carbon disulfide	20.0	24.9		ug/L		124	35 - 150
Carbon tetrachloride	20.0	17.1		ug/L		85	65 - 131
Chlorobenzene	20.0	19.8		ug/L		99	80 - 120
Chlorobromomethane	20.0	23.6		ug/L		118	71 - 134
Chlorodibromomethane	20.0	17.9		ug/L		89	73 - 121
Chloroethane	20.0	18.6		ug/L		93	54 - 150
Chloroform	20.0	18.9		ug/L		94	78 - 125
Chloromethane	20.0	16.6		ug/L		83	43 - 149
cis-1,2-Dichloroethene	20.0	20.4		ug/L		102	78 - 121
cis-1,3-Dichloropropene	20.0	16.9		ug/L		85	74 - 125
Cyclohexane	20.0	22.4		ug/L		112	64 - 142
Dichlorobromomethane	20.0	17.5		ug/L		88	76 - 121

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1046417/4
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	20.0	9.37		ug/L		47	38 - 144
Ethylbenzene	20.0	17.8		ug/L		89	78 - 120
Ethylene Dibromide	20.0	21.8		ug/L		109	79 - 126
Isopropylbenzene	20.0	17.6		ug/L		88	79 - 125
Methyl acetate	40.0	43.3		ug/L		108	50 - 147
Methyl tert-butyl ether	20.0	21.8		ug/L		109	72 - 131
Methylcyclohexane	20.0	23.0		ug/L		115	63 - 138
Methylene Chloride	20.0	22.6		ug/L		113	74 - 127
m-Xylene & p-Xylene	20.0	17.2		ug/L		86	78 - 120
o-Xylene	20.0	17.8		ug/L		89	78 - 120
Styrene	20.0	18.5		ug/L		93	82 - 127
Tetrachloroethene	20.0	19.0		ug/L		95	70 - 127
Toluene	20.0	19.1		ug/L		96	78 - 120
trans-1,2-Dichloroethene	20.0	21.0		ug/L		105	70 - 126
trans-1,3-Dichloropropene	20.0	16.7		ug/L		84	71 - 127
Trichloroethene	20.0	19.3		ug/L		97	73 - 121
Trichlorofluoromethane	20.0	14.3		ug/L		71	62 - 134
Vinyl chloride	20.0	15.9		ug/L		80	55 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*95*		*77 - 132*
Toluene-d8 (Surr)	*96*		*80 - 120*

Lab Sample ID: LCSD 460-1046417/5
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	72 - 128	3	30
1,1,2,2-Tetrachloroethane	20.0	27.9	*+	ug/L		140	63 - 139	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	21.8		ug/L		109	65 - 142	3	30
1,1,2-Trichloroethane	20.0	25.3	*+	ug/L		127	74 - 125	6	30
1,1-Dichloroethane	20.0	20.3		ug/L		101	73 - 130	3	30
1,1-Dichloroethene	20.0	21.9		ug/L		110	68 - 133	2	30
1,2,3-Trichlorobenzene	20.0	20.2		ug/L		101	55 - 150	2	30
1,2,4-Trichlorobenzene	20.0	21.1		ug/L		106	67 - 132	2	30
1,2-Dibromo-3-Chloropropane	20.0	25.9		ug/L		130	58 - 132	6	30
1,2-Dichlorobenzene	20.0	21.5		ug/L		107	80 - 120	5	30
1,2-Dichloroethane	20.0	18.0		ug/L		90	66 - 129	1	30
1,2-Dichloropropane	20.0	21.2		ug/L		106	72 - 128	5	30
1,3-Dichlorobenzene	20.0	19.9		ug/L		100	80 - 120	6	30
1,4-Dichlorobenzene	20.0	19.7		ug/L		99	80 - 120	5	30
2-Butanone (MEK)	100	98.7		ug/L		99	65 - 142	2	30
2-Hexanone	100	84.9		ug/L		85	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	100	89.1		ug/L		89	77 - 130	3	30
Acetone	100	116		ug/L		116	60 - 133	9	30

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1046417/5
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	20.0	19.5		ug/L		98	71 - 126	2	30
Bromoform	20.0	16.7		ug/L		84	58 - 128	4	30
Bromomethane	20.0	13.5		ug/L		67	33 - 150	4	30
Carbon disulfide	20.0	25.2		ug/L		126	35 - 150	1	30
Carbon tetrachloride	20.0	17.6		ug/L		88	65 - 131	3	30
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120	2	30
Chlorobromomethane	20.0	23.7		ug/L		119	71 - 134	1	30
Chlorodibromomethane	20.0	18.4		ug/L		92	73 - 121	3	30
Chloroethane	20.0	19.6		ug/L		98	54 - 150	5	30
Chloroform	20.0	19.6		ug/L		98	78 - 125	4	30
Chloromethane	20.0	17.5		ug/L		88	43 - 149	5	30
cis-1,2-Dichloroethene	20.0	20.7		ug/L		103	78 - 121	1	30
cis-1,3-Dichloropropene	20.0	17.5		ug/L		88	74 - 125	4	30
Cyclohexane	20.0	23.1		ug/L		116	64 - 142	3	30
Dichlorobromomethane	20.0	18.4		ug/L		92	76 - 121	5	30
Dichlorodifluoromethane	20.0	9.61		ug/L		48	38 - 144	2	30
Ethylbenzene	20.0	18.5		ug/L		93	78 - 120	4	30
Ethylene Dibromide	20.0	23.1		ug/L		115	79 - 126	6	30
Isopropylbenzene	20.0	18.0		ug/L		90	79 - 125	2	30
Methyl acetate	40.0	43.4		ug/L		108	50 - 147	0	30
Methyl tert-butyl ether	20.0	23.2		ug/L		116	72 - 131	6	30
Methylcyclohexane	20.0	23.9		ug/L		120	63 - 138	4	30
Methylene Chloride	20.0	23.2		ug/L		116	74 - 127	2	30
m-Xylene & p-Xylene	20.0	17.7		ug/L		89	78 - 120	3	30
o-Xylene	20.0	18.4		ug/L		92	78 - 120	3	30
Styrene	20.0	19.2		ug/L		96	82 - 127	4	30
Tetrachloroethene	20.0	18.7		ug/L		94	70 - 127	1	30
Toluene	20.0	19.7		ug/L		98	78 - 120	3	30
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	70 - 126	4	30
trans-1,3-Dichloropropene	20.0	17.3		ug/L		87	71 - 127	4	30
Trichloroethene	20.0	20.0		ug/L		100	73 - 121	4	30
Trichlorofluoromethane	20.0	15.4		ug/L		77	62 - 134	7	30
Vinyl chloride	20.0	17.0		ug/L		85	55 - 144	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*70 - 128*
4-Bromofluorobenzene	*99*		*76 - 120*
Dibromofluoromethane (Surr)	*96*		*77 - 132*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 460-329153-6 MS
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.24	U	20.0	18.2		ug/L		91	72 - 128
1,1,2,2-Tetrachloroethane	0.085	U *+ F1	20.0	29.2	F1	ug/L		146	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	22.1		ug/L		111	65 - 142

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-329153-6 MS
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2-Trichloroethane	0.19	U *+ F1	20.0	24.9		ug/L		124	74 - 125
1,1-Dichloroethane	0.26	U	20.0	20.9		ug/L		104	73 - 130
1,1-Dichloroethene	0.26	U	20.0	21.7		ug/L		108	68 - 133
1,2,3-Trichlorobenzene	0.36	U	20.0	19.1		ug/L		95	55 - 150
1,2,4-Trichlorobenzene	0.37	U	20.0	20.7		ug/L		104	67 - 132
1,2-Dibromo-3-Chloropropane	0.38	U F1	20.0	25.3		ug/L		126	58 - 132
1,2-Dichlorobenzene	0.21	U	20.0	21.4		ug/L		107	80 - 120
1,2-Dichloroethane	0.087	U	20.0	18.5		ug/L		93	66 - 129
1,2-Dichloropropane	0.074	U	20.0	21.6		ug/L		108	72 - 128
1,3-Dichlorobenzene	0.34	U	20.0	19.6		ug/L		98	80 - 120
1,4-Dichlorobenzene	0.33	U	20.0	19.9		ug/L		99	80 - 120
2-Butanone (MEK)	3.9	U	100	94.8		ug/L		95	65 - 142
2-Hexanone	1.1	U	100	81.7		ug/L		82	72 - 134
4-Methyl-2-pentanone (MIBK)	1.3	U	100	88.5		ug/L		89	77 - 130
Acetone	4.4	U	100	97.7		ug/L		98	60 - 133
Benzene	0.070	U	20.0	19.7		ug/L		98	71 - 126
Bromoform	0.54	U	20.0	17.0		ug/L		85	58 - 128
Bromomethane	0.55	U	20.0	12.5		ug/L		63	33 - 150
Carbon disulfide	0.82	U	20.0	25.0		ug/L		125	35 - 150
Carbon tetrachloride	0.21	U	20.0	17.7		ug/L		89	65 - 131
Chlorobenzene	0.38	U	20.0	20.4		ug/L		102	80 - 120
Chlorobromomethane	0.41	U	20.0	24.1		ug/L		121	71 - 134
Chlorodibromomethane	0.086	U	20.0	18.8		ug/L		94	73 - 121
Chloroethane	0.32	U	20.0	18.2		ug/L		91	54 - 150
Chloroform	0.33	U	20.0	20.4		ug/L		102	78 - 125
Chloromethane	0.40	U	20.0	15.3		ug/L		77	43 - 149
cis-1,2-Dichloroethene	0.62	J	20.0	21.4		ug/L		104	78 - 121
cis-1,3-Dichloropropene	0.069	U	20.0	17.6		ug/L		88	74 - 125
Cyclohexane	0.32	U	20.0	23.8		ug/L		119	64 - 142
Dichlorobromomethane	0.15	U	20.0	18.8		ug/L		94	76 - 121
Dichlorodifluoromethane	0.31	U F1	20.0	6.94	F1	ug/L		35	38 - 144
Ethylbenzene	0.30	U	20.0	18.7		ug/L		93	78 - 120
Ethylene Dibromide	0.50	U	20.0	22.6		ug/L		113	79 - 126
Isopropylbenzene	0.34	U	20.0	18.2		ug/L		91	79 - 125
Methyl acetate	0.79	U	40.0	42.1		ug/L		105	50 - 147
Methyl tert-butyl ether	0.22	U	20.0	22.9		ug/L		115	72 - 131
Methylcyclohexane	0.71	U	20.0	24.3		ug/L		122	63 - 138
Methylene Chloride	0.65	U	20.0	23.5		ug/L		118	74 - 127
m-Xylene & p-Xylene	0.30	U	20.0	17.8		ug/L		89	78 - 120
o-Xylene	0.36	U	20.0	18.8		ug/L		94	78 - 120
Styrene	0.42	U	20.0	19.1		ug/L		96	82 - 127
Tetrachloroethene	0.92		20.0	20.1		ug/L		96	70 - 127
Toluene	0.38	U	20.0	19.8		ug/L		99	78 - 120
trans-1,2-Dichloroethene	0.24	U	20.0	21.9		ug/L		110	70 - 126
trans-1,3-Dichloropropene	0.12	U	20.0	17.6		ug/L		88	71 - 127
Trichloroethene	0.074	U	20.0	19.9		ug/L		99	73 - 121
Trichlorofluoromethane	0.32	U	20.0	14.6		ug/L		73	62 - 134
Vinyl chloride	0.40	U	20.0	15.2		ug/L		76	55 - 144

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 460-329153-6 MS
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: MW-12
Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		70 - 128
4-Bromofluorobenzene	99		76 - 120
Dibromofluoromethane (Surr)	96		77 - 132
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: 460-329153-6 MSD
Matrix: Water
Analysis Batch: 1046417

Client Sample ID: MW-12
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.24	U	20.0	19.6		ug/L		98	72 - 128	7	30
1,1,2,2-Tetrachloroethane	0.085	U *+ F1	20.0	31.9	F1	ug/L		160	63 - 139	9	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.31	U	20.0	23.6		ug/L		118	65 - 142	6	30
1,1,2-Trichloroethane	0.19	U *+ F1	20.0	26.2	F1	ug/L		131	74 - 125	5	30
1,1-Dichloroethane	0.26	U	20.0	21.9		ug/L		110	73 - 130	5	30
1,1-Dichloroethene	0.26	U	20.0	23.4		ug/L		117	68 - 133	8	30
1,2,3-Trichlorobenzene	0.36	U	20.0	21.0		ug/L		105	55 - 150	10	30
1,2,4-Trichlorobenzene	0.37	U	20.0	22.1		ug/L		110	67 - 132	6	30
1,2-Dibromo-3-Chloropropane	0.38	U F1	20.0	27.4	F1	ug/L		137	58 - 132	8	30
1,2-Dichlorobenzene	0.21	U	20.0	23.3		ug/L		116	80 - 120	8	30
1,2-Dichloroethane	0.087	U	20.0	19.4		ug/L		97	66 - 129	5	30
1,2-Dichloropropane	0.074	U	20.0	22.7		ug/L		114	72 - 128	5	30
1,3-Dichlorobenzene	0.34	U	20.0	21.4		ug/L		107	80 - 120	9	30
1,4-Dichlorobenzene	0.33	U	20.0	21.3		ug/L		106	80 - 120	7	30
2-Butanone (MEK)	3.9	U	100	101		ug/L		101	65 - 142	6	30
2-Hexanone	1.1	U	100	90.1		ug/L		90	72 - 134	10	30
4-Methyl-2-pentanone (MIBK)	1.3	U	100	94.2		ug/L		94	77 - 130	6	30
Acetone	4.4	U	100	107		ug/L		107	60 - 133	9	30
Benzene	0.070	U	20.0	21.1		ug/L		106	71 - 126	7	30
Bromoform	0.54	U	20.0	18.7		ug/L		94	58 - 128	10	30
Bromomethane	0.55	U	20.0	13.1		ug/L		66	33 - 150	5	30
Carbon disulfide	0.82	U	20.0	26.8		ug/L		134	35 - 150	7	30
Carbon tetrachloride	0.21	U	20.0	19.0		ug/L		95	65 - 131	7	30
Chlorobenzene	0.38	U	20.0	22.1		ug/L		111	80 - 120	8	30
Chlorobromomethane	0.41	U	20.0	25.7		ug/L		129	71 - 134	6	30
Chlorodibromomethane	0.086	U	20.0	20.0		ug/L		100	73 - 121	7	30
Chloroethane	0.32	U	20.0	19.0		ug/L		95	54 - 150	5	30
Chloroform	0.33	U	20.0	21.3		ug/L		107	78 - 125	4	30
Chloromethane	0.40	U	20.0	15.7		ug/L		79	43 - 149	3	30
cis-1,2-Dichloroethene	0.62	J	20.0	23.2		ug/L		113	78 - 121	8	30
cis-1,3-Dichloropropene	0.069	U	20.0	18.6		ug/L		93	74 - 125	5	30
Cyclohexane	0.32	U	20.0	25.3		ug/L		127	64 - 142	6	30
Dichlorobromomethane	0.15	U	20.0	19.9		ug/L		99	76 - 121	5	30
Dichlorodifluoromethane	0.31	U F1	20.0	6.97	F1	ug/L		35	38 - 144	0	30
Ethylbenzene	0.30	U	20.0	20.0		ug/L		100	78 - 120	7	30
Ethylene Dibromide	0.50	U	20.0	23.4		ug/L		117	79 - 126	4	30
Isopropylbenzene	0.34	U	20.0	19.8		ug/L		99	79 - 125	9	30
Methyl acetate	0.79	U	40.0	44.4		ug/L		111	50 - 147	5	30

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046598/3 Calibration Date: 06/27/2025 21:34

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A28632.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0623		20.5	20.0	2.4	20.0
Chlorodibromomethane	Lin2		0.3091	0.1000	18.3	20.0	-8.5	50.0
Ethylene Dibromide	Ave	0.2765	0.3065	0.1000	22.2	20.0	10.8	20.0
Chlorobenzene	Ave	1.010	1.019	0.5000	20.2	20.0	0.9	20.0
Ethylbenzene	Ave	0.5607	0.4952	0.1000	17.7	20.0	-11.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3321		19.5	20.0	-2.3	20.0
m-Xylene & p-Xylene	Ave	0.6776	0.5947	0.1000	17.6	20.0	-12.2	20.0
n-Butyl acrylate	Ave	0.2220	0.1680		15.1	20.0	-24.3*	20.0
o-Xylene	Ave	0.6601	0.5983	0.3000	18.1	20.0	-9.4	20.0
Styrene	Ave	1.087	1.021	0.3000	18.8	20.0	-6.1	20.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.6760		15.6	20.0	-21.8*	20.0
Bromoform	Ave	0.1816	0.1561	0.1000	17.2	20.0	-14.1	20.0
Isopropylbenzene	Ave	1.465	1.268	0.1000	17.3	20.0	-13.4	20.0
Bromobenzene	Ave	0.8239	0.7476		18.1	20.0	-9.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.7661	0.3000	27.1	20.0	35.6*	20.0
N-Propylbenzene	Ave	3.965	3.219		16.2	20.0	-18.8	20.0
1,2,3-Trichloropropane	Ave	0.1606	0.2140		26.6	20.0	33.2*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.0852		9.94	20.0	-50.3*	20.0
2-Chlorotoluene	Ave	2.786	2.354		16.9	20.0	-15.5	20.0
4-Ethyltoluene	Ave	3.278	2.602		15.9	20.0	-20.6*	20.0
1,3,5-Trimethylbenzene	Ave	2.577	2.147		16.7	20.0	-16.7	20.0
4-Chlorotoluene	Ave	2.542	2.172		17.1	20.0	-14.6	20.0
Butyl Methacrylate	Ave	0.9274	0.7403		16.0	20.0	-20.2*	20.0
tert-Butylbenzene	Ave	2.116	1.670		15.8	20.0	-21.1*	20.0
1,2,4-Trimethylbenzene	Ave	2.654	2.230		16.8	20.0	-16.0	20.0
sec-Butylbenzene	Ave	0.6153	0.4692		15.2	20.0	-23.8*	20.0
4-Isopropyltoluene	Ave	2.625	1.992		15.2	20.0	-24.1*	20.0
1,3-Dichlorobenzene	Ave	1.513	1.412	0.6000	18.7	20.0	-6.6	20.0
1,4-Dichlorobenzene	Ave	1.559	1.479	0.5000	19.0	20.0	-5.1	20.0
1,2,3-Trimethylbenzene	Ave	2.699	2.426		18.0	20.0	-10.1	20.0
Benzyl chloride	Ave	1.132	1.134		20.0	20.0	0.1	50.0
Indan	Ave	2.460	2.293		18.6	20.0	-6.8	20.0
p-Diethylbenzene	Ave	1.549	1.251		16.1	20.0	-19.3	20.0
n-Butylbenzene	Ave	1.265	1.016		16.1	20.0	-19.7	20.0
1,2-Dichlorobenzene	Ave	1.309	1.316	0.4000	20.1	20.0	0.6	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	1.735		15.7	20.0	-21.5*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.1152	0.0500	25.3	20.0	26.6	50.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.6978		16.5	20.0	-17.7	20.0
1,2,4-Trichlorobenzene	Qua2		0.5832	0.2000	20.2	20.0	0.9	20.0
Hexachlorobutadiene	Qua2		0.1576		13.3	20.0	-33.6*	20.0
Naphthalene	Lin2		1.439		25.7	20.0	28.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

17

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0331		13.1	20.0	-34.3*	30.0
Dichlorodifluoromethane	Ave	0.3447	0.2985	0.1000	17.3	20.0	-13.4	30.0
Chlorodifluoromethane	Ave	0.2916	0.2740		18.8	20.0	-6.0	30.0
Chloromethane	Ave	0.3671	0.3223	0.0050	17.6	20.0	-12.2	30.0
Vinyl chloride	Ave	0.3206	0.3435	0.0050	21.4	20.0	7.2	30.0
Butadiene	Ave	0.2912	0.2935		20.2	20.0	0.8	30.0
Bromomethane	Ave	0.2111	0.2042	0.0050	19.3	20.0	-3.3	30.0
Chloroethane	Ave	0.2159	0.2030	0.0050	18.8	20.0	-6.0	30.0
Dichlorofluoromethane	Ave	0.5861	0.5661		19.3	20.0	-3.4	30.0
Trichlorofluoromethane	Ave	0.4143	0.4218	0.1000	20.4	20.0	1.8	30.0
Pentane	QuaF		3.508		56.5	40.0	41.3*	30.0
Ethanol	Lin2		0.0733		794	800	-0.8	30.0
Ethyl ether	Lin2		0.1735		18.5	20.0	-7.5	30.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.2290		21.3	20.0	6.3	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.1936		18.5	20.0	-7.5	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3408		18.9	20.0	-5.3	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2229	0.2458	0.1000	22.1	20.0	10.3	30.0
Acrolein	Lin2		1.698		31.7	39.5	-19.8	30.0
1,1-Dichloroethene	Ave	0.2381	0.2415	0.1000	20.3	20.0	1.4	30.0
Acetone	Ave	0.2526	0.2247	0.0010	89.0	100	-11.0	30.0
Isopropyl alcohol	Ave	0.7510	0.7436		198	200	-1.0	30.0
Iodomethane	Ave	0.2991	0.2747		18.4	20.0	-8.2	30.0
Carbon disulfide	Ave	0.7910	0.8097	0.1000	20.5	20.0	2.4	30.0
3-Chloro-1-propene	Ave	0.1671	0.1640		19.6	20.0	-1.9	30.0
Methyl acetate	Ave	8.613	8.317	0.0500	38.6	40.0	-3.4	30.0
Cyclopentene	Ave	0.6524	0.4907		15.0	20.0	-24.8	30.0
Acetonitrile	Ave	1.612	1.387		172	200	-13.9	30.0
Methylene Chloride	Ave	0.2771	0.2694	0.1000	19.4	20.0	-2.8	30.0
2-Methyl-2-propanol	Ave	1.182	1.132		192	200	-4.2	30.0
Methyl tert-butyl ether	Ave	0.5907	0.5639	0.1000	19.1	20.0	-4.5	30.0
trans-1,2-Dichloroethene	Ave	0.2738	0.2632	0.1000	19.2	20.0	-3.9	30.0
Acrylonitrile	Ave	0.0518	0.0484		187	200	-6.6	30.0
Hexane	Ave	0.1473	0.1492		20.3	20.0	1.3	30.0
Isopropyl ether	Ave	0.7762	0.7287		18.8	20.0	-6.1	30.0
1,1-Dichloroethane	Ave	0.4915	0.4908	0.2000	20.0	20.0	-0.2	30.0
Vinyl acetate	Ave	3.175	2.871		36.2	40.0	-9.6	30.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2365		20.0	20.0	-0.2	30.0
Tert-butyl ethyl ether	Ave	0.7213	0.6633		18.4	20.0	-8.0	30.0
2,2-Dichloropropane	Ave	0.0959	0.0948		19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

17

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: ICV 460-1037325/21 Calibration Date: 05/14/2025 11:47

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A26575.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3004	0.1000	19.4	20.0	-2.9	30.0
Ethyl acetate	Qua		0.3132		36.1	40.0	-9.8	30.0
2-Butanone (MEK)	Ave	0.3554	0.3158	0.0100	88.9	100	-11.1	30.0
Methyl acrylate	Ave	0.1427	0.1299		18.2	20.0	-9.0	30.0
Propionitrile	Ave	1.696	1.547		182	200	-8.8	30.0
Chlorobromomethane	Ave	0.1260	0.1241		19.7	20.0	-1.5	30.0
Tetrahydrofuran	Lin2		1.101		42.7	40.0	6.8	30.0
Methacrylonitrile	Ave	0.0678	0.0631		186	200	-6.9	30.0
Chloroform	Ave	0.4923	0.4816	0.2000	19.6	20.0	-2.2	30.0
Cyclohexane	Ave	0.3571	0.3946	0.1000	22.1	20.0	10.5	30.0
1,1,1-Trichloroethane	Ave	0.4161	0.4147	0.1000	19.9	20.0	-0.3	30.0
Carbon tetrachloride	Ave	0.3338	0.3427	0.1000	20.5	20.0	2.7	30.0
1,1-Dichloropropene	Ave	0.3652	0.3562		19.5	20.0	-2.5	30.0
Isobutyl alcohol	Ave	0.5039	0.4648		461	500	-7.8	30.0
Isooctane	Ave	0.4284	0.4228		19.7	20.0	-1.3	30.0
Benzene	Ave	1.591	1.525	0.5000	19.2	20.0	-4.1	30.0
Isopropyl acetate	Lin2		0.0763		18.6	20.0	-6.8	30.0
Tert-amyl methyl ether	Ave	0.1857	0.1775		19.1	20.0	-4.4	30.0
1,2-Dichloroethane	Ave	0.3248	0.2924	0.1000	18.0	20.0	-10.0	30.0
n-Heptane	Ave	0.1125	0.1111		19.7	20.0	-1.3	30.0
n-Butanol	Ave	0.3412	0.2990		438	500	-12.4	30.0
Trichloroethene	Ave	0.2893	0.2888	0.2000	20.0	20.0	-0.2	30.0
Ethyl acrylate	Ave	0.0278	0.0264		19.0	20.0	-4.9	30.0
Methylcyclohexane	Ave	0.2981	0.3171	0.1000	21.3	20.0	6.4	30.0
1,2-Dichloropropane	Ave	0.2790	0.2639	0.1000	18.9	20.0	-5.4	30.0
Methyl methacrylate	Ave	0.1268	0.1153		36.3	40.0	-9.1	30.0
1,4-Dioxane	Ave	1.085	1.063		392	400	-2.0	30.0
n-Propyl acetate	Ave	0.2130	0.1958		18.4	20.0	-8.0	30.0
Dibromomethane	Ave	0.1402	0.1335		19.0	20.0	-4.8	30.0
Dichlorobromomethane	Ave	0.3673	0.3539	0.2000	19.3	20.0	-3.6	30.0
2-Nitropropane	Lin2		0.0385		38.7	40.0	-3.2	30.0
Epichlorohydrin	Ave	0.2131	0.2832		26.6	20.0	32.9	30.0
cis-1,3-Dichloropropene	Ave	0.6632	0.5772	0.2000	17.4	20.0	-13.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.410	0.0500	93.7	100	-6.3	30.0
Toluene	Ave	1.599	1.531	0.4000	19.1	20.0	-4.3	30.0
trans-1,3-Dichloropropene	Ave	0.5345	0.5074	0.1000	19.0	20.0	-5.1	30.0
Ethyl methacrylate	Ave	0.2498	0.2261		18.1	20.0	-9.5	30.0
1,1,2-Trichloroethane	Ave	0.2321	0.2435	0.1000	21.0	20.0	4.9	30.0
Tetrachloroethene	Ave	0.3686	0.3622	0.2000	19.7	20.0	-1.7	30.0
1,3-Dichloropropane	Ave	0.4833	0.4637		19.2	20.0	-4.0	30.0
2-Hexanone	Ave	0.9849	0.9295	0.0500	94.4	100	-5.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

17

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046417/3 Calibration Date: 06/27/2025 08:42

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A28600.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0567		22.5	20.0	12.6	20.0
Dichlorodifluoromethane	Ave	0.3447	0.1593	0.1000	9.24	20.0	-53.8*	20.0
Chlorodifluoromethane	Ave	0.2916	0.2179		14.9	20.0	-25.3*	20.0
Chloromethane	Ave	0.3671	0.3080	0.0050	16.8	20.0	-16.1	20.0
Vinyl chloride	Ave	0.3206	0.2683	0.0050	16.7	20.0	-16.3	20.0
Butadiene	Ave	0.2912	0.2228		15.3	20.0	-23.5*	20.0
Bromomethane	Ave	0.2111	0.1360	0.0050	12.9	20.0	-35.6	50.0
Chloroethane	Ave	0.2159	0.2020	0.0050	18.7	20.0	-6.4	50.0
Dichlorofluoromethane	Ave	0.5861	0.4968		17.0	20.0	-15.2	20.0
Trichlorofluoromethane	Ave	0.4143	0.3044	0.1000	14.7	20.0	-26.5*	20.0
Pentane	QuaF		3.238		52.2	40.0	30.6*	20.0
Ethanol	Lin2		0.0749		813	800	1.6	50.0
Ethyl ether	Lin2		0.2165		23.3	20.0	16.6	20.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.2114		19.6	20.0	-1.9	20.0
1,2-Dichloro-1,1,2-trifluoroethane	Ave	0.2092	0.1999		19.1	20.0	-4.4	20.0
1,1,1-Trifluoro-2,2-dichloroethane	Ave	0.3598	0.3682		20.5	20.0	2.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2229	0.2315	0.1000	20.8	20.0	3.9	20.0
Acrolein	Lin2		2.295		44.3	40.0	10.6	50.0
1,1-Dichloroethene	Ave	0.2381	0.2536	0.1000	21.3	20.0	6.5	20.0
Acetone	Ave	0.2526	0.2385	0.0010	94.4	100	-5.6	50.0
Isopropyl alcohol	Ave	0.7510	0.7438		198	200	-1.0	50.0
Iodomethane	Ave	0.2991	0.1915		12.8	20.0	-36.0*	20.0
Carbon disulfide	Ave	0.7910	0.9778	0.1000	24.7	20.0	23.6	50.0
3-Chloro-1-propene	Ave	0.1671	0.1578		18.9	20.0	-5.6	20.0
Methyl acetate	Ave	8.613	9.213	0.0500	42.8	40.0	7.0	20.0
Cyclopentene	Ave	0.6524	0.7229		22.2	20.0	10.8	20.0
Acetonitrile	Ave	1.612	1.805		224	200	12.0	20.0
Methylene Chloride	Ave	0.2771	0.3118	0.1000	22.5	20.0	12.5	20.0
2-Methyl-2-propanol	Ave	1.182	1.058		179	200	-10.5	50.0
Methyl tert-butyl ether	Ave	0.5907	0.6454	0.1000	21.9	20.0	9.3	20.0
trans-1,2-Dichloroethene	Ave	0.2738	0.2893	0.1000	21.1	20.0	5.6	20.0
Acrylonitrile	Ave	0.0518	0.0763		294	200	47.1*	20.0
Hexane	Ave	0.1473	0.1717		23.3	20.0	16.6	20.0
Isopropyl ether	Ave	0.7762	0.7757		20.0	20.0	-0.0	20.0
1,1-Dichloroethane	Ave	0.4915	0.4859	0.2000	19.8	20.0	-1.1	20.0
Vinyl acetate	Ave	3.175	2.982		37.6	40.0	-6.1	20.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2362		19.9	20.0	-0.4	20.0
Tert-butyl ethyl ether	Ave	0.7213	0.7069		19.6	20.0	-2.0	20.0
2,2-Dichloropropane	Ave	0.0959	0.0913		19.1	20.0	-4.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046417/3 Calibration Date: 06/27/2025 08:42

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A28600.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3095	0.1000	20.0	20.0	0.0	20.0
Ethyl acetate	Qua		0.3307		38.1	40.0	-4.7	20.0
2-Butanone (MEK)	Ave	0.3554	0.3385	0.0100	95.3	100	-4.7	50.0
Methyl acrylate	Ave	0.1427	0.1799		25.2	20.0	26.0*	20.0
Propionitrile	Ave	1.696	1.905		225	200	12.3	20.0
Chlorobromomethane	Ave	0.1260	0.1440		22.9	20.0	14.4	20.0
Tetrahydrofuran	Lin2		1.027		39.7	40.0	-0.8	20.0
Methacrylonitrile	Ave	0.0678	0.0963		284	200	42.1*	20.0
Chloroform	Ave	0.4923	0.4706	0.2000	19.1	20.0	-4.4	20.0
Cyclohexane	Ave	0.3571	0.3976	0.1000	22.3	20.0	11.4	50.0
1,1,1-Trichloroethane	Ave	0.4161	0.3681	0.1000	17.7	20.0	-11.5	20.0
Carbon tetrachloride	Ave	0.3338	0.2843	0.1000	17.0	20.0	-14.8	20.0
1,1-Dichloropropene	Ave	0.3652	0.3428		18.8	20.0	-6.1	20.0
Isobutyl alcohol	Ave	0.5039	0.4203		417	500	-16.6	50.0
Isooctane	Ave	0.4284	0.4773		22.3	20.0	11.4	20.0
Benzene	Ave	1.591	1.505	0.5000	18.9	20.0	-5.4	20.0
Isopropyl acetate	Lin2		0.0935		23.6	20.0	18.1	20.0
Tert-amyl methyl ether	Ave	0.1857	0.2067		22.3	20.0	11.3	20.0
1,2-Dichloroethane	Ave	0.3248	0.2873	0.1000	17.7	20.0	-11.5	20.0
n-Heptane	Ave	0.1125	0.1276		22.7	20.0	13.4	20.0
n-Butanol	Ave	0.3412	0.2534		371	500	-25.7	50.0
Trichloroethene	Ave	0.2893	0.2718	0.2000	18.8	20.0	-6.1	20.0
Ethyl acrylate	Ave	0.0278	0.0305		22.0	20.0	9.9	20.0
Methylcyclohexane	Ave	0.2981	0.3375	0.1000	22.6	20.0	13.2	50.0
1,2-Dichloropropane	Ave	0.2790	0.2853	0.1000	20.5	20.0	2.3	20.0
Methyl methacrylate	Ave	0.1268	0.1489		46.9	40.0	17.4	20.0
1,4-Dioxane	Ave	1.085	1.316		485	400	21.3	50.0
n-Propyl acetate	Ave	0.2130	0.2617		24.6	20.0	22.9*	20.0
Dibromomethane	Ave	0.1402	0.1653		23.6	20.0	17.9	20.0
Dichlorobromomethane	Ave	0.3673	0.3268	0.2000	17.8	20.0	-11.0	20.0
2-Nitropropane	Lin2		0.0407		41.0	40.0	2.4	20.0
Epichlorohydrin	Ave	0.2131	0.2053		385	400	-3.6	20.0
cis-1,3-Dichloropropene	Ave	0.6632	0.5538	0.2000	16.7	20.0	-16.5	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.189	0.0500	85.1	100	-14.9	50.0
Toluene	Ave	1.599	1.521	0.4000	19.0	20.0	-4.9	20.0
trans-1,3-Dichloropropene	Ave	0.5345	0.4574	0.1000	17.1	20.0	-14.4	50.0
Ethyl methacrylate	Ave	0.2498	0.2457		19.7	20.0	-1.6	20.0
1,1,2-Trichloroethane	Ave	0.2321	0.2765	0.1000	23.8	20.0	19.1	20.0
Tetrachloroethene	Ave	0.3686	0.3458	0.2000	18.8	20.0	-6.2	20.0
1,3-Dichloropropane	Ave	0.4833	0.5179		21.4	20.0	7.2	20.0
2-Hexanone	Ave	0.9849	0.7749	0.0500	78.7	100	-21.3	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

17

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046417/3 Calibration Date: 06/27/2025 08:42

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A28600.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
n-Butyl acetate	Ave	0.0608	0.0612		20.1	20.0	0.6	20.0
Chlorodibromomethane	Lin2		0.2990	0.1000	17.7	20.0	-11.5	50.0
Ethylene Dibromide	Ave	0.2765	0.3028	0.1000	21.9	20.0	9.5	20.0
Chlorobenzene	Ave	1.010	0.9907	0.5000	19.6	20.0	-1.9	20.0
Ethylbenzene	Ave	0.5607	0.4971	0.1000	17.7	20.0	-11.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3399	0.3234		19.0	20.0	-4.8	20.0
m-Xylene & p-Xylene	Ave	0.6776	0.5765	0.1000	17.0	20.0	-14.9	20.0
n-Butyl acrylate	Ave	0.2220	0.1767		15.9	20.0	-20.4*	20.0
o-Xylene	Ave	0.6601	0.5886	0.3000	17.8	20.0	-10.8	20.0
Styrene	Ave	1.087	0.9842	0.3000	18.1	20.0	-9.5	20.0
Amyl acetate (mixed isomers)	Ave	0.8646	0.6736		15.6	20.0	-22.1*	20.0
Bromoform	Ave	0.1816	0.1507	0.1000	16.6	20.0	-17.0	20.0
Isopropylbenzene	Ave	1.465	1.275	0.1000	17.4	20.0	-12.9	20.0
Bromobenzene	Ave	0.8239	0.7428		18.0	20.0	-9.8	20.0
1,1,2,2-Tetrachloroethane	Ave	0.5652	0.7611	0.3000	26.9	20.0	34.7*	20.0
N-Propylbenzene	Ave	3.965	3.241		16.4	20.0	-18.2	20.0
1,2,3-Trichloropropane	Ave	0.1606	0.2118		26.4	20.0	31.8*	20.0
trans-1,4-Dichloro-2-butene	Ave	0.1715	0.0808		9.42	20.0	-52.9*	20.0
2-Chlorotoluene	Ave	2.786	2.363		17.0	20.0	-15.2	20.0
4-Ethyltoluene	Ave	3.278	2.583		15.8	20.0	-21.2*	20.0
1,3,5-Trimethylbenzene	Ave	2.577	2.179		16.9	20.0	-15.4	20.0
4-Chlorotoluene	Ave	2.542	2.182		17.2	20.0	-14.2	20.0
Butyl Methacrylate	Ave	0.9274	0.7355		15.9	20.0	-20.7*	20.0
tert-Butylbenzene	Ave	2.116	1.723		16.3	20.0	-18.6	20.0
1,2,4-Trimethylbenzene	Ave	2.654	2.230		16.8	20.0	-16.0	20.0
sec-Butylbenzene	Ave	0.6153	0.4710		15.3	20.0	-23.5*	20.0
4-Isopropyltoluene	Ave	2.625	2.068		15.8	20.0	-21.2*	20.0
1,3-Dichlorobenzene	Ave	1.513	1.404	0.6000	18.6	20.0	-7.2	20.0
1,4-Dichlorobenzene	Ave	1.559	1.440	0.5000	18.5	20.0	-7.6	20.0
1,2,3-Trimethylbenzene	Ave	2.699	2.456		18.2	20.0	-9.0	20.0
Benzyl chloride	Ave	1.132	1.202		21.2	20.0	6.2	50.0
Indan	Ave	2.460	2.252		18.3	20.0	-8.4	20.0
p-Diethylbenzene	Ave	1.549	1.261		16.3	20.0	-18.6	20.0
n-Butylbenzene	Ave	1.265	1.070		16.9	20.0	-15.4	20.0
1,2-Dichlorobenzene	Ave	1.309	1.326	0.4000	20.3	20.0	1.3	20.0
1,2,4,5-Tetramethylbenzene	Ave	2.210	1.802		16.3	20.0	-18.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.0909	0.1063	0.0500	23.4	20.0	16.9	50.0
1,3,5-Trichlorobenzene	Ave	0.8479	0.7186		17.0	20.0	-15.2	20.0
1,2,4-Trichlorobenzene	Qua2		0.5708	0.2000	19.7	20.0	-1.3	20.0
Hexachlorobutadiene	Qua2		0.1716		14.6	20.0	-27.1*	20.0
Naphthalene	Lin2		1.427		25.4	20.0	27.2	50.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046598/3 Calibration Date: 06/27/2025 21:34

Instrument ID: CVOAMS1 Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 05/14/2025 10:45

Lab File ID: A28632.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0504	0.0661		26.2	20.0	31.2*	20.0
Dichlorodifluoromethane	Ave	0.3447	0.2232	0.1000	13.0	20.0	-35.2*	20.0
Chlorodifluoromethane	Ave	0.2916	0.2012		13.8	20.0	-31.0*	20.0
Chloromethane	Ave	0.3671	0.3701	0.0050	20.2	20.0	0.8	20.0
Vinyl chloride	Ave	0.3206	0.3061	0.0050	19.1	20.0	-4.5	20.0
Butadiene	Ave	0.2912	0.2418		16.6	20.0	-17.0	20.0
Bromomethane	Ave	0.2111	0.1435	0.0050	13.6	20.0	-32.0	50.0
Chloroethane	Ave	0.2159	0.2292	0.0050	21.2	20.0	6.1	50.0
Dichlorofluoromethane	Ave	0.5861	0.5458		18.6	20.0	-6.9	20.0
Trichlorofluoromethane	Ave	0.4143	0.3068	0.1000	14.8	20.0	-25.9*	20.0
Pentane	QuaF		2.430		39.3	40.0	-1.7	20.0
Ethanol	Lin2		0.0702		759	800	-5.1	50.0
Ethyl ether	Lin2		0.2155		23.2	20.0	16.1	20.0
2-Methyl-1,3-butadiene	Ave	0.2154	0.1957		18.2	20.0	-9.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.2092	0.2113		20.2	20.0	1.0	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.3598	0.3944		21.9	20.0	9.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2229	0.2181	0.1000	19.6	20.0	-2.1	20.0
Acrolein	Lin2		1.972		37.7	40.0	-5.8	50.0
1,1-Dichloroethene	Ave	0.2381	0.2442	0.1000	20.5	20.0	2.6	20.0
Acetone	Ave	0.2526	0.2383	0.0010	94.3	100	-5.7	50.0
Isopropyl alcohol	Ave	0.7510	0.6903		184	200	-8.1	50.0
Iodomethane	Ave	0.2991	0.1907		12.8	20.0	-36.2*	20.0
Carbon disulfide	Ave	0.7910	0.8687	0.1000	22.0	20.0	9.8	50.0
3-Chloro-1-propene	Ave	0.1671	0.1571		18.8	20.0	-6.0	20.0
Methyl acetate	Ave	8.613	8.359	0.0500	38.8	40.0	-3.0	20.0
Cyclopentene	Ave	0.6524	0.6380		19.6	20.0	-2.2	20.0
Acetonitrile	Ave	1.612	1.757		218	200	9.0	20.0
Methylene Chloride	Ave	0.2771	0.3166	0.1000	22.8	20.0	14.2	20.0
2-Methyl-2-propanol	Ave	1.182	1.060		179	200	-10.4	50.0
Methyl tert-butyl ether	Ave	0.5907	0.6597	0.1000	22.3	20.0	11.7	20.0
trans-1,2-Dichloroethene	Ave	0.2738	0.2873	0.1000	21.0	20.0	4.9	20.0
Acrylonitrile	Ave	0.0518	0.0793		306	200	52.9*	20.0
Hexane	Ave	0.1473	0.1409		19.1	20.0	-4.4	20.0
Isopropyl ether	Ave	0.7762	0.7762		20.0	20.0	0.0	20.0
1,1-Dichloroethane	Ave	0.4915	0.5031	0.2000	20.5	20.0	2.3	20.0
Vinyl acetate	Ave	3.175	2.472		31.1	40.0	-22.1*	20.0
2-Chloro-1,3-butadiene	Ave	0.2370	0.2267		19.1	20.0	-4.4	20.0
Tert-butyl ethyl ether	Ave	0.7213	0.7260		20.1	20.0	0.6	20.0
2,2-Dichloropropane	Ave	0.0959	0.0899		18.8	20.0	-6.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-329153-1

SDG No.:

Lab Sample ID: CCVIS 460-1046598/3 | Calibration Date: 06/27/2025 21:34

Instrument ID: CVOAMS1 | Calib Start Date: 05/14/2025 04:13

GC Column: Rtx-624 ID: 0.25(mm) | Calib End Date: 05/14/2025 10:45

Lab File ID: A28632.D | Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
cis-1,2-Dichloroethene	Ave	0.3092	0.3162	0.1000	20.5	20.0	2.3	20.0
2-Butanone (MEK)	Ave	0.3554	0.3194	0.0100	89.9	100	-10.1	50.0
Ethyl acetate	Qua		0.3040		35.0	40.0	-12.4	20.0
Methyl acrylate	Ave	0.1427	0.1853		26.0	20.0	29.8*	20.0
Propionitrile	Ave	1.696	1.858		219	200	9.6	20.0
Chlorobromomethane	Ave	0.1260	0.1487		23.6	20.0	18.0	20.0
Tetrahydrofuran	Lin2		0.9877		38.1	40.0	-4.8	20.0
Methacrylonitrile	Ave	0.0678	0.1020		301	200	50.5*	20.0
Chloroform	Ave	0.4923	0.4842	0.2000	19.7	20.0	-1.6	20.0
Cyclohexane	Ave	0.3571	0.3431	0.1000	19.2	20.0	-3.9	50.0
1,1,1-Trichloroethane	Ave	0.4161	0.3682	0.1000	17.7	20.0	-11.5	20.0
Carbon tetrachloride	Ave	0.3338	0.2761	0.1000	16.5	20.0	-17.3	20.0
1,1-Dichloropropene	Ave	0.3652	0.3329		18.2	20.0	-8.9	20.0
Isobutyl alcohol	Ave	0.5039	0.4069		404	500	-19.3	50.0
Isooctane	Ave	0.4284	0.4059		18.9	20.0	-5.3	20.0
Benzene	Ave	1.591	1.537	0.5000	19.3	20.0	-3.4	20.0
Isopropyl acetate	Lin2		0.1024		26.2	20.0	30.8*	20.0
Tert-amyl methyl ether	Ave	0.1857	0.2147		23.1	20.0	15.6	20.0
1,2-Dichloroethane	Ave	0.3248	0.2908	0.1000	17.9	20.0	-10.5	20.0
n-Heptane	Ave	0.1125	0.1047		18.6	20.0	-7.0	20.0
n-Butanol	Ave	0.3412	0.2393		351	500	-29.9	50.0
Trichloroethene	Ave	0.2893	0.2784	0.2000	19.2	20.0	-3.8	20.0
Ethyl acrylate	Ave	0.0278	0.0303		21.8	20.0	9.0	20.0
Methylcyclohexane	Ave	0.2981	0.2949	0.1000	19.8	20.0	-1.1	50.0
1,2-Dichloropropane	Ave	0.2790	0.2939	0.1000	21.1	20.0	5.3	20.0
Methyl methacrylate	Ave	0.1268	0.1564		49.3	40.0	23.4*	20.0
1,4-Dioxane	Ave	1.085	1.300		480	400	19.9	50.0
n-Propyl acetate	Ave	0.2130	0.2677		25.1	20.0	25.7*	20.0
Dibromomethane	Ave	0.1402	0.1662		23.7	20.0	18.5	20.0
Dichlorobromomethane	Ave	0.3673	0.3359	0.2000	18.3	20.0	-8.5	20.0
2-Nitropropane	Lin2		0.0422		42.6	40.0	6.5	20.0
Epichlorohydrin	Ave	0.2131	0.1755		329	400	-17.6	20.0
cis-1,3-Dichloropropene	Ave	0.6632	0.5607	0.2000	16.9	20.0	-15.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.572	2.136	0.0500	83.0	100	-17.0	50.0
Toluene	Ave	1.599	1.523	0.4000	19.0	20.0	-4.8	20.0
trans-1,3-Dichloropropene	Ave	0.5345	0.4484	0.1000	16.8	20.0	-16.1	50.0
Ethyl methacrylate	Ave	0.2498	0.2488		19.9	20.0	-0.4	20.0
1,1,2-Trichloroethane	Ave	0.2321	0.2871	0.1000	24.7	20.0	23.7*	20.0
Tetrachloroethene	Ave	0.3686	0.3336	0.2000	18.1	20.0	-9.5	20.0
1,3-Dichloropropane	Ave	0.4833	0.5359		22.2	20.0	10.9	20.0
2-Hexanone	Ave	0.9849	0.7874	0.0500	80.0	100	-20.0	50.0

ATTACHMENT C

PHOTOS

FPM

Photos of Abandoned Monitoring Wells MW-3, MW-4 and MW-7

APPENDIX F

CLIMATE SCREENING CHECKLIST

Climate Screening Checklist

Background Information

- Project Manager: Jared S. Donaldson, P.E.
- Site Name: Cardwell Condenser Corporation Site
- Site Number: HW 152035
- Site Location: 80 East Montauk HIghway, Lindenhurst, NY
- Site Elevation (average above sea level): Approximately 10 feet
- ClimAID Region 4 (Responding Climate Change in New York State (ClimAID) -NYSERDA):
- Remedial Stage/site classification: Site management, Class 04

- Contamination - Media Impacted/ Contaminants of Concern: soil, groundwater, soil vapor/ chlorinated solvent VOCs

- Proposed/Current Remedy: Current: ICs/ECs, including deed restriction, environmental easement, land use restriction, cover system, site management plan, monitoring plan, IC/EC plan, decision document, groundwater use restriction

- What is the predicted timeframe of the remedy and its components? Indefinite

- Is the site in a 0.5-mile radius to any sensitive receptors? (e.g. wetlands, waterbodies, residential properties, schools, drinking water supplies, etc.) Did the Fish and Wildlife Resource Impact Analysis identify any ecological receptors of concern? See Attachment

- Have there been any climate related incidents or precautions made around the area? See Attachment

Is the site located in within a 0.5-mile radius from a disadvantaged community (DAC) (Use DECinfolocator: DECinfo Locator (ny.gov))?

☐ Yes X No

If the site is in a DAC, will climate impacts be magnified? (E.g. sites located in areas with less reliable infrastructure may experience more frequent service interruptions and be more susceptible to climate related events.) If yes, list how and why (Use: DAC).

☐ Yes ☐ No

Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

☐ Yes ☐ No

Climate Screening Table*

The Remedial Party is responsible for attaching sufficient justification of its determinations based on an engineering evaluation considering site specific conditions and data from sources listed under Potential Data Sources below, or other sources as approved by DEC See Attachment

Potential Climate Hazards	**Relevant to the Site Location** (Y/N/NA)[1]	**Projected Change** (Reference data Source/Model)[3]	**Potential to Impact Remedy** (Y/N)	**Is remedy/site already resilient?** (Y/N)[4]
Precipitation	Y	+ 5 inches by 2100	N	Y
Temperature[2] (Extreme Heat or Cold Weather Impacts)	Y	Increased extreme heat days and decreased cold weather days by 2100	N	Y
Sea level/water level rise	Y	No change predicted for Site	N	Y
Flooding	Y	Up to 1% annual chance for a flood for limited areas of the site	N	Y
Storm Surge	Y	Surge of up to 3 feet may affect limited area of the site	N	Y
Wildfire- Air Quality	Y	Wildfire liklihood low	N	Y
Drought	Y	Current moderate drought	N	Y
Storm Severity	Y	Low potential for 3" rainfall	N	Y
Landslides	Y	Very low landslide potentia	N	Y
Other Hazards:				

* Links to potential data sources can be found on the following page

[1] If the first column is N → The rest of the columns will be N/A, the hazard is not applicable to the site.

[2] Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 32°F (NYSERDA ClimAID report)

[3] List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

[4] If final column is Y, provide reasoning, if the final column is N → Climate Vulnerability Assessment (CVA) required.

Required Next Steps (If no further action is required, provide justification acceptable to DEC):

See Attachment for more information and supporting documentation

Appendix A- Photo-documentation of engineering controls (SVE systems, SSDs, cover system, etc.) described above See photologs in Appendix C of this PRR for photos of the cover system

Potential Data Sources (not an exhaustive list)- from https://www.epa.gov/superfund/remedy-resilience-vulnerability-assessment

NYSERDA ClimAID report- https://www.nyserda.ny.gov/About/Publications/Energy-Analysis-Reports-and-Studies/Environmental-Research-and-Development-Technical-Reports/Response-to-Climate-Change-in-New-York

FEMA- https://www.fema.gov/flood-maps/national-flood-hazard-layer

Global Earthquake Model- https://maps.openquake.org/map/global-seismic-hazard-map/#6/43.205/-77.388

NOAA- https://www.nhc.noaa.gov/nationalsurge/#data

Department of Agriculture Forest Service https://wildfirerisk.org/

EPA https://toolkit.climate.gov/tool/climate-resilience-evaluation-awareness-tool-creat

EPA https://www.epa.gov/water-research/national-stormwater-calculator

National Integrated Drought Information System https://www.drought.gov/

National Interagency Coordination Center https://www.nifc.gov/fire-information/maps

National Oceanic and Atmospheric Administration Coastal Services Digital Coast Home

- Resources to help communities assess coastal hazards, such as the https://coast.noaa.gov/digitalcoast/tools/slr.html for visualizing community-level impacts of flooding or sea level rise and https://coast.noaa.gov/digitalcoast/training/intro-lidar.html

National Oceanic and Atmospheric Administration https://www.ncei.noaa.gov/

National Oceanic and Atmospheric Administration https://tidesandcurrents.noaa.gov/sltrends/sltrends.html

National Weather Service https://www.cpc.ncep.noaa.gov/products/Soilmst_Monitoring/US/Soilmst/Soilmst.shtml

National Weather Service https://www.nhc.noaa.gov/gis/

National Weather Service https://www.nhc.noaa.gov/nationalsurge/

U.S. Federal Government Climate Resilience Toolkit: https://crt-climate-explorer.nemac.org/

U.S. Army Corps of Engineers U.S. Army Corps of Engineers 2024-2027 Climate Adaptation Plan

U.S. Geological Survey https://marine.usgs.gov/coastalchangehazardsportal/

U.S. Geological Survey https://www.usgs.gov/programs/landslide-hazards

U.S. Geological Survey https://www.usgs.gov/apps/ngwmn/

U.S. Geological Survey https://toolkit.climate.gov/tool/national-climate-change-viewer

U.S. Geological Survey https://dashboard.waterdata.usgs.gov/app/nwd/en/

U.S. Geological Survey https://streamstats.usgs.gov/ss/

NYS Department of State-https://dos.ny.gov/assess

NYSERDA NY Costal Floodplain Mapper- https://services.nyserda.ny.gov/SLR_Viewer/default

NYSDEC Costal Erosion Hazards- https://dec.ny.gov/regulatory/permits-licenses/waterways-coastlines-wetlands/coastal-erosion-management-permit-program

NYSDOH Heat Index- health.ny.gov/environmental/weather/vulnerability_index/county_maps.htm

ATTACHMENT TO CLIMATE SCREENING CHECKLIST

Question: Is the Site in a 0.5-mile radius to any sensitive receptors? (e.g. wetlands, water bodies, residential properties, schools, drinking water supplies, etc.)

Response: The Site is located approximately 250 feet to the west of Neguntatogue Creek and its associated wetland fringe (the area adjoining the creek is heavily developed). The Site is located approximately 100 feet northeast (across the street) from a multi-family residential building. Additional residences are present further to the east, west, and south. The Alleghany Avenue Elementary School is located 0.4 miles north (upgradient) of the Site and the Lindenhurst Middle School is located 0.35 miles northwest (upgradient) of the Site. No drinking water supplies (Suffolk County Water Authority wellfields) are located within 0.5 miles of the Site. Sources of information: Google Earth Pro and SCWA.

Question: Did the Fish and Wildlife Resource Impact Analysis identify any ecological receptors of concern?

Response: A Fish and Wildlife Resource Impact Analysis was not performed for the Site. It is unlikely that potential ecological receptors of concern could be impacted by Site-related contaminants. The remaining groundwater impacts are documented to be limited to the immediate onsite release area. Prior sampling of Neguntatogue Creek did not identify impacts from Site-related contaminants. The remaining soil impacts are limited to a small area of the Site, present at depth only, and are isolated from potential receptors by a cover system. Soil vapor impacts are present beneath the onsite building and, therefore, are also isolated from potential ecological receptors of concern.

Question: Have there been any climate-related incidents or precautions made around the area?

Response: As discussed below, during Superstorm Sandy on October 29, 2012, floodwater entered the southernmost part of the Site from the south (Montauk Highway) and covered the south lawn but did not enter further onto the property or cause any damage. Several of the Site's monitoring wells were in this area but were not flooded as they were protected by well boxes equipped with seals. As the Site stratigraphy is conducive to recharge, floodwater that did not recede overland simply recharged into the lawn area. No other climate-related incidents have impacted the Site and no precautions of which we are aware have been made around the area of the Site.

CLIMATE SCREENING TABLE

Precipitation: Rainfall in Suffolk County, NY is presently in the range of 45 to 50 inches per year. As shown on the attached Graph #1 (source: U.S. Federal Government Climate Resilience Toolkit: https://crt-climate-explorer.nemac.org/), annual precipitation is predicted to increase by approximately five inches by 2100. The Site is underlain by sandy soils, which allow rainfall to readily infiltrate. Furthermore, the remedy does not include any operating systems or other features that might be affected by excessive rainfall. There does not appear to be a reasonable potential for an increase in average annual rainfall to impact the remedy.

Temperature: Suffolk County, NY presently experiences about five days per year of extreme heat over 90 degrees F. As shown on the attached Graph #2 (source: U.S. Federal Government Climate Resilience Toolkit: https://crt-climate-explorer.nemac.org/), by 2100 there are predicted to be between about 20 and 60 additional days of extreme heat. Conversely, Suffolk County presently experiences about 95 days per year of cold weather (temperatures below 32 degrees F), but that number is predicted to decrease by between about 40 to 60 days by 2100, as shown on the attached Graph #3 (source: U.S. Federal Government Climate Resilience Toolkit: https://crt-climate-explorer.nemac.org/). We note that the remedy does not include any operating systems or other features that might be affected by temperature extremes. The reduced number of cold weather days may actually facilitate more ready access to the Site's monitoring wells and result in less well damage from snowplowing. There does not appear to be a reasonable potential for changes in extreme temperatures to impact the remedy.

Sea Level Rise: Although the Site is near Neguntatogue Creek, which is tidal, sea level rise is predicted to impact only portions of the creek to the south of Montauk Highway, as shown on the attached Map #1 from the NOAA Sea Level Rise Viewer (source: https://coast.noaa.gov/digitalcoast/tools/slr.html). There does not appear to be a reasonable potential for an increase in sea level to impact the remedy.

Flooding: Although the Site is near Neguntatogue Creek, the Site surface is elevated somewhat relative to the surrounding area and the majority of the Site is above the zone with a 1% annual chance of a flood, as shown on the attached Map #2 from FEMA (source: https://www.fema.gov/flood-maps/national-flood-hazard-layer). A very limited area of the north corner of the Site is within the zone of a 1% annual chance of a flood and this area of the Site does not include any monitoring wells or parts of the cover system. Thus, there does not appear to be a reasonable potential for a typical flood to impact the remedy. As noted in the SMP, during Superstorm Sandy on October 29, 2012, floodwater entered the southernmost part of the Site from the south (Montauk Highway) and covered the south lawn, but did not enter further onto the property or cause any damage. Several of the Site's monitoring wells were located in this area but were not flooded as they were protected by well boxes equipped with seals. As the Site stratigraphy is conducive to recharge, floodwater that did not recede overland simply recharged into the lawn area.

Storm Surge: The Site is near Neguntatogue Creek, which is tidal. The potential for storm surge to affect the Site was evaluated using the National Weather Service's Storm Surge Risk Map (source: https://www.nhc.noaa.gov/nationalsurge/). This map (Map #3) indicates that the Site adjoins, but is not within, the area where up to three feet of storm surge above the ground surface is predicted. This prediction is supported by the observations of the impacts to the Site from the storm surge associated with Superstorm Sandy (discussed above), where some surge water entered the portion of the Site closest to Montauk Highway but did not result in Site-wide flooding. There does not appear to be a reasonable potential for storm surge to impact the remedy.

Wildfire/Air Quality: The likelihood of a wildfire or smoke from a wildfire affecting the Site was evaluated using the Department of Agriculture Fire Service wildfire risk mapper (source: https://www.wildfirerisk.org/). As shown in the attached Map #4, the Lindenhurst area, including the Site vicinity, has a low probability of a wildfire burning in any given year. We note that the Site features very few trees and the Site vicinity is a heavily-developed mixed residential and commercial area with no large expanses of woods. Thus, there does not appear to be a reasonable potential for a wildfire or wildfire smoke to impact the remedy.

Drought: The likelihood of drought conditions affecting the Site was evaluated using the National Integrated Drought Information System mapper (source: https://www.drought.gov/). This mapper (see attached Map #5) indicates that Long Island is presently in a period of modest drought. Drought conditions have the potential to result in a deeper water table, which can affect the ability to obtain groundwater samples from monitoring wells. However, as the Site is located near Great South Bay to which groundwater discharges, this large surface water body has a moderating effect on water level changes in Upper Glacial Aquifer due to drought conditions. In the many years that FPM has been monitoring groundwater quality at this Site, we have not observed any significant changes to water levels during periods of low rainfall and resultant drought. Thus, there does not appear to be a reasonable potential for drought conditions to impact the remedy at this Site.

Storm Severity: The potential for the Site to be impacted by changes in the number of severe storms was assessed using the Climate Explorer tool (source: U.S. Federal Government Climate Resilience Toolkit: https://crt-climate-explorer.nemac.org/). For Suffolk County, there is currently less than one day per year, on average, with more than three inches of precipitation (see attached Graph #4). It is predicted that by 2100 there will be about one day per year with more than three inches of precipitation. This information suggests that storm severity is not expected to significantly increase in the Site area through at least 2100. Thus, there does not appear to be a reasonable potential for changes in storm severity to impact the remedy.

Landslides: The potential for the Site to be impacted by landslides was assessed using the U. S. Geologic Survey Landslide Inventory and Susceptibility mapper tool (source: https://www.usgs.gov/programs/landslide-hazards). For the Site (see attached Map #6) there appears to be no potential for landslide impact. This is consistent with the relatively flat Site surface and the underlying sandy soils. The areas directly adjoining Neguntatogue Creek to the east are mapped with a low susceptibility to landslides, likely due to the somewhat steeper sides of the creek banks. There does not appear to be a reasonable potential for a landslide to impact the remedy.

REQUIRED NEXT STEPS

Based on the information provided in the Climate Screening Checklist and this Attachment, no further action is required based on the information available at this time. Although changes are expected in precipitation, temperature, sea level, and storm-related conditions due to climate change, none of the changes in the Site vicinity are anticipated to impact the remedy. The Site's groundwater monitoring wells are, for the most part, above the areas that may reasonably be impacted by flooding and/or storm surges and are also protected by above-grade standpipes or bolt-down manholes with seals. The Site's cover system is not located in areas that may be vulnerable to flooding or storm surges. There are no operating remedial or mitigation systems onsite and the Site is not vulnerable to wildfires or landslides.

Attachments


The Climate Explorer
About the data
Lindenhurst, NY
Stations
Suffolk County - Total precipitation
Total precipitation
Graph
Map
Annual
Monthly
Downloads
About
Total Precipitation (in.)
1950s projection
Historic range
33.85–62.21
1951 observed
47.77
1961–1990 observed average
45.85
Total Precipitation (in.)
Difference from Observed Average (in.)
1961-1990 observed average
80
75
70
65
60
55
50
45
40
35
30
35
30
25
20
15
10
5
0
-5
-10
-15
-20
1960
1980
2000
2020
2040
2060
2080
Observations
Modeled History
Lower Emissions
Higher Emissions
Cards Home
Climate Maps
Climate Graphs
Historical Weather Data
Historical Thresholds
High-Tide Flooding
Take Action

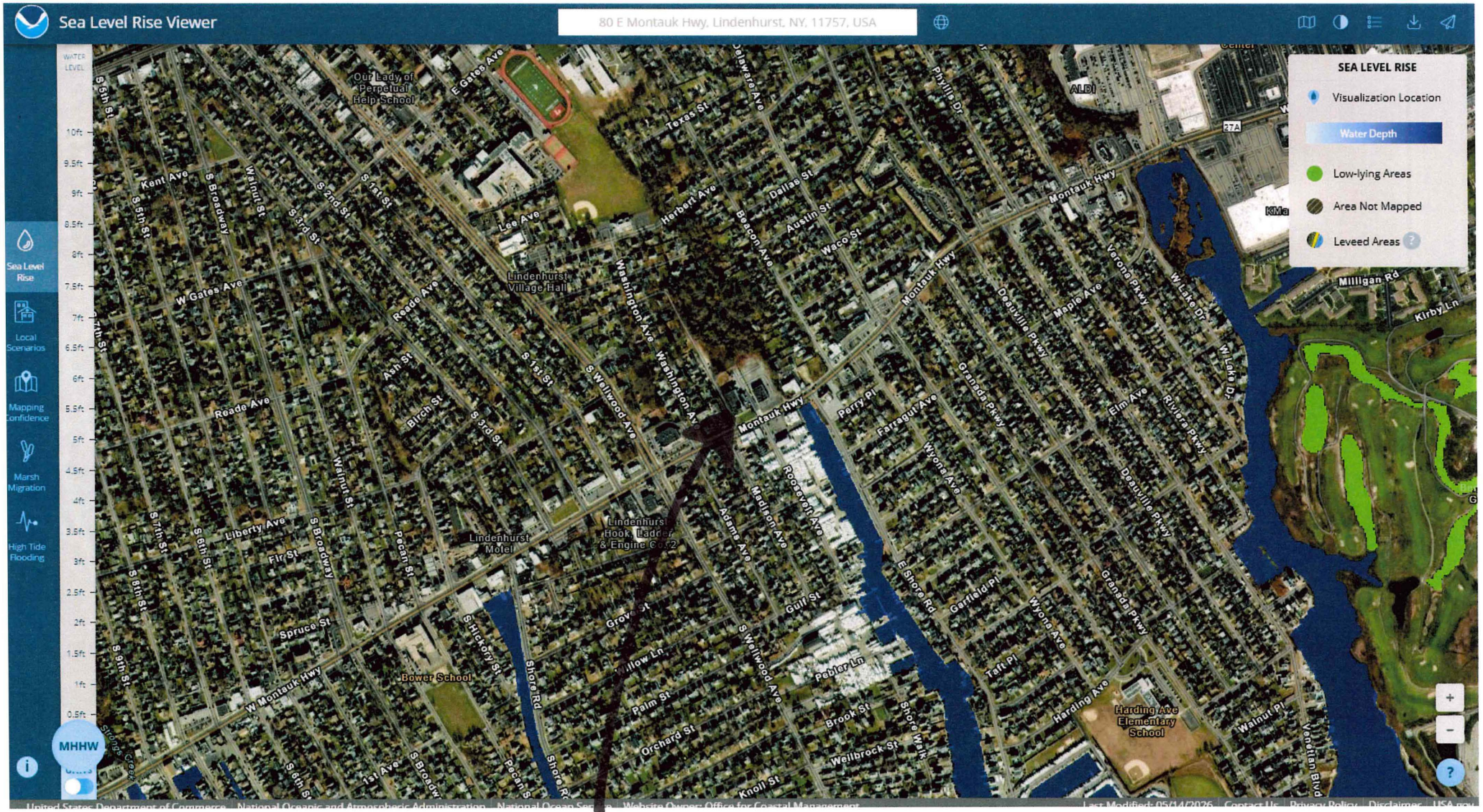
Graph #1


The Climate Explorer
About the data
Lindenhurst, NY
Stations
Suffolk County - Days w/ maximum temp > 90°F
Days w/ maximum temp > 90°F
Graph
Map
Annual
Monthly
Downloads
About
Days per year with max above 90°F
Difference from Observed Average (days)
Days per year with max above 90°F
1950s projection
Historic range
0–14.4
1952 observed
9.7
1961–1990 observed average
4
1961-1990 observed average
1960
1980
2000
2020
2040
2060
2080
Observations
Modeled History
Lower Emissions
Higher Emissions

Graph #2


The Climate Explorer
About the data
Lindenhurst, NY
Stations
Suffolk County - Days w/ minimum temp < 32°F
Days w/ minimum temp < 32°F
Graph
Map
Annual
Monthly
Downloads
About
Days per year with min below 32°F (frost days)
Difference from Observed Average (days)
1961-1990 observed average
1960
1980
2000
2020
2040
2060
2080
Observations
Modeled History
Lower Emissions
Higher Emissions
Cards Home
Climate Maps
Climate Graphs
Historical Weather Data
Historical Thresholds
High-Tide Flooding
Take Action

Graph #3


Sea Level Rise Viewer
80 E Montauk Hwy, Lindenhurst, NY, 11757, USA
SEA LEVEL RISE
Visualization Location
Water Depth
Low-lying Areas
Area Not Mapped
Leveed Areas
Sea Level Rise
Local Scenarios
Mapping Confidence
Marsh Migration
High Tide Flooding
MHHW
Our Lady of Perpetual Help School
Lindenhurst Village Hall
Lindenhurst Hook, Ladder & Engine Co. 2
Lindenhurst Motel
Bower School
Harding Ave Elementary School
ALDI
Montauk Hwy
W Montauk Hwy
Reade Ave
W Gates Ave
Lee Ave
Texas St
Dallas St
Austin St
Waco St
Herbert Ave
Beacon Ave
Washington Ave
S Wellwood Ave
S Broadway
Walnut St
Ash St
Birch St
Fir St
Spruce St
Liberty Ave
Kent Ave
Perry Pl
Farragut Ave
Wyona Ave
Roosevelt Ave
Madison Ave
Adams Ave
Gulf St
Willow Ln
Palm St
Orchard St
Brook St
Pebler Ln
Taft Pl
Garfield Pl
Harding Ave
Weilbrock St
Knoll St
Shore Rd
S Shore Rd
Shore Walk
Deauville Pkwy
Granada Pkwy
Riviera Pkwy
Verona Pkwy
Maple Ave
Elm Ave
W Lake Dr
Milligan Rd
Kirby Ln
Venetian Blvd
Phyllis Dr
Delaware Ave
E Gates Ave
Site

Map #1


FEMA's National Flood Hazard Layer (NFHL) Viewer
with Web AppBuilder for ArcGIS
80 E Montauk Hwy, Lindenhurst,
Show search results for 80 E Montauk...
Search result
80 E Montauk Hwy, Lindenhurst, NY, 11757, USA
Zoom to
Village of Lindenhurst 360798
Town of Babylon 360790
36103C0861H
eff. 9/25/2009
Zone AE (EL 5)
200ft
Legend
Other Structures
River Mile Markers
Limit of Moderate Wave Action
Flood Hazard Boundaries
Line Type
Limit Lines
SFHA / Flood Zone Boundary
Flowage Easement Boundary
Flood Hazard Zones
Zone Type
1% Annual Chance Flood Hazard
Regulatory Floodway
Special Floodway
Area of Undetermined Flood Hazard
0.2% Annual Chance Flood Hazard
Future Conditions 1% Annual Chance Flood Hazard
Area with Reduced Risk Due to Levee
Area with Risk Due to Levee
Primary Frontal Dunes
Coastal Barrier Resources System Area (US FWS)
CBRS_Prohibitions
Unit_Type
Otherwise Protected Area
System Unit

Map #2

torm Surge Risk Maps (V4)

is is not a real-time product. For active tropical cyclones, please see hurricanes.gov and consult local products issued by the National Weather Service

is national depiction of storm surge flooding vulnerability lps people living in hurricane-prone coastal areas. These aps make it clear that storm surge is not just a beachfront oblem, with the risk of storm surge extending many miles and from the immediate coastline in some areas. Storm Surge sk Maps are provided for the US Gulf and East Coasts, Hawaii, uthern California, US territories - Puerto Rico, US Virgin ands, Guam and American Samoa. Additional mapped are

tlantic

- US East and Gulf Coast
- Puerto Rico and USVI
- Hispaniola

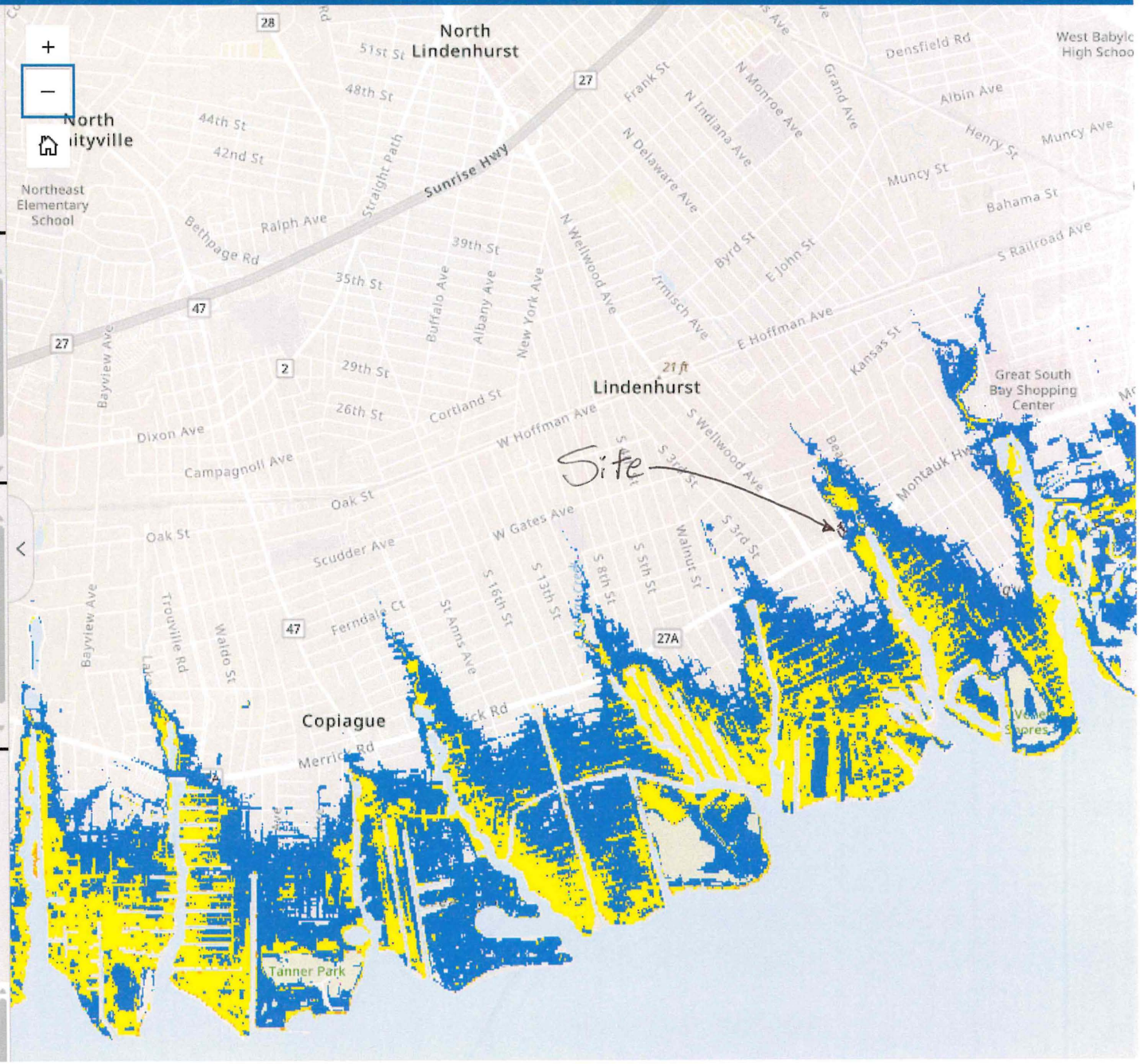
acific

- Hawaii (category 1-4)
- Southern California (category 1-2)
- Guam
- American Samoa

Less than 3 feet above ground
Greater than 3 feet above ground
Greater than 6 feet above ground
Greater than 9 feet above ground
Leveed area
Consult local officials for flood risk

ggle Map Opacity

map window ...



Map #3

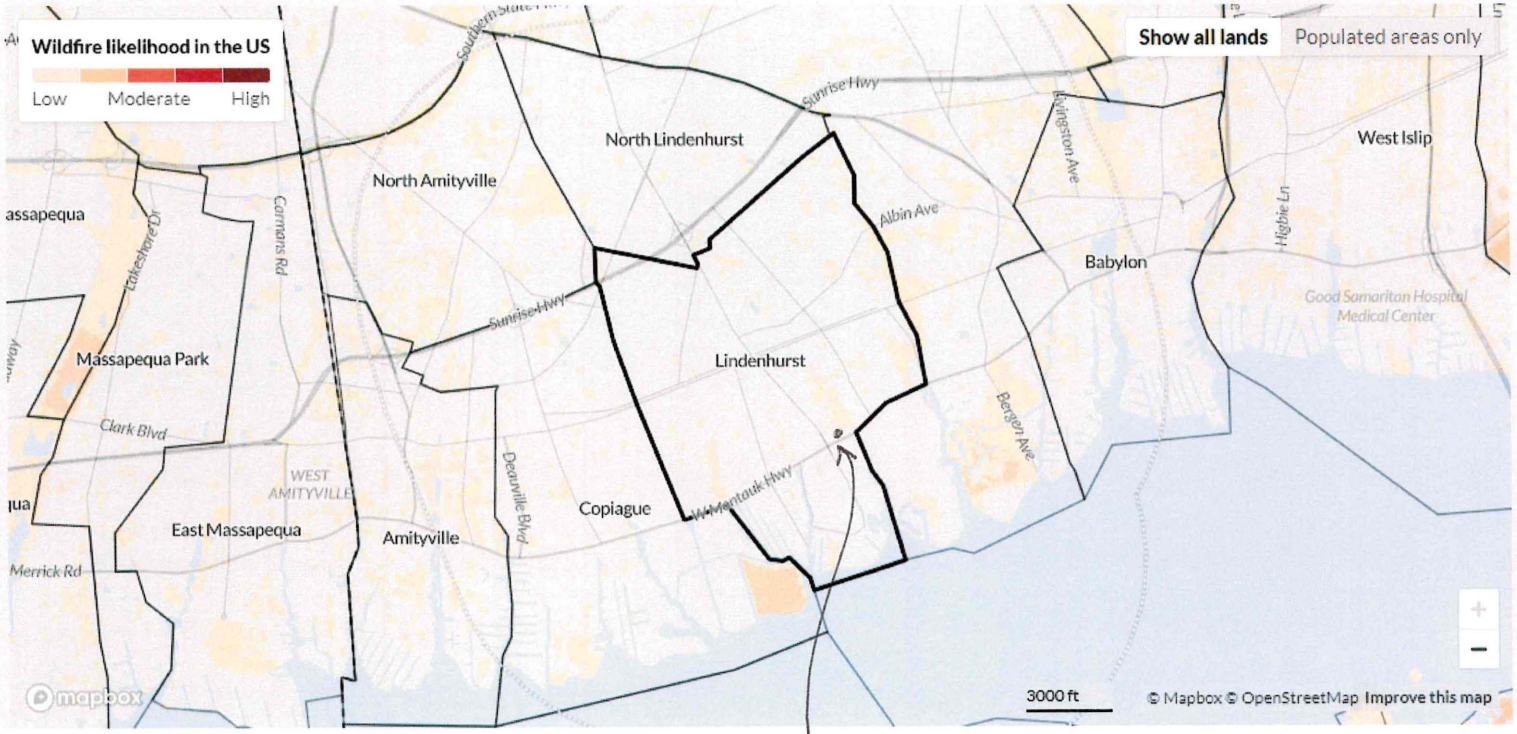
Wildfire Likelihood

Low

Lindenhurst has, on average, greater wildfire likelihood than 30% of communities in the US.

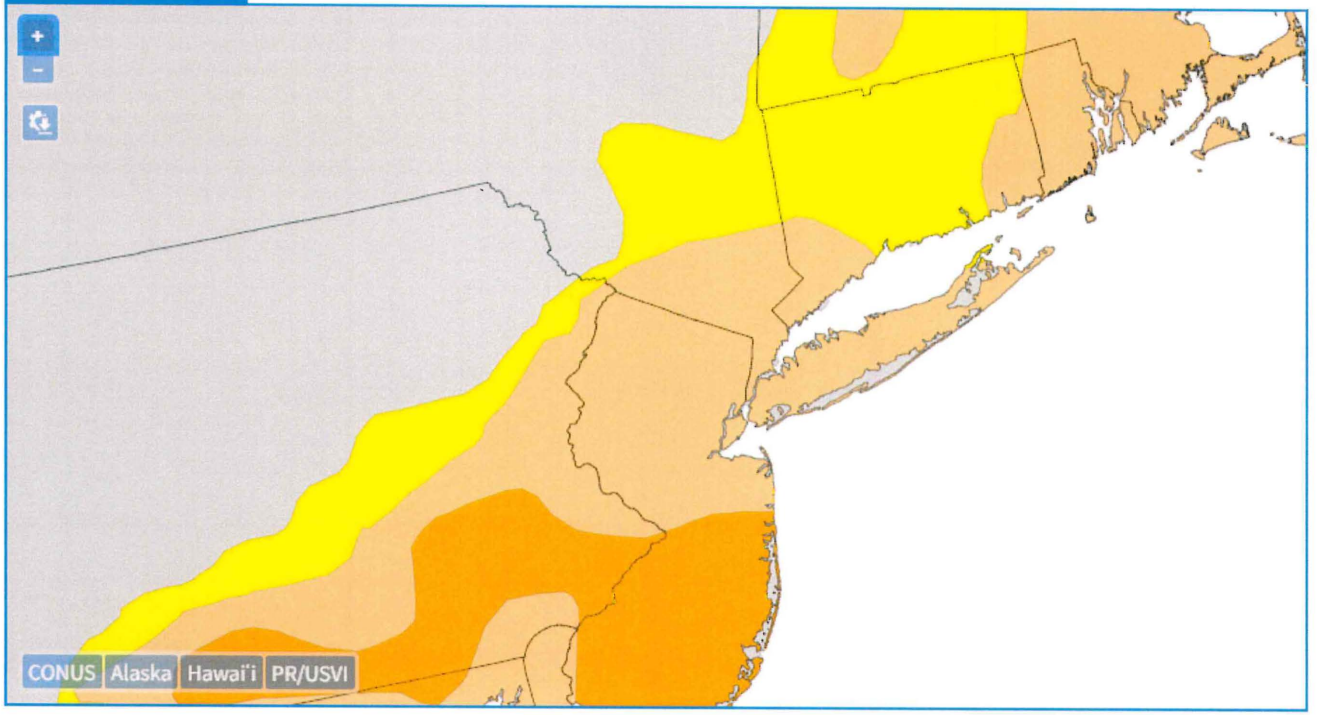
Wildfire likelihood is the probability of wildfire burning in any given year.

Learn how to use the information on this page +



Map #4

U.S. Drought Monitor | 30-Day Precipitation | 30-Day Temperature



The U.S. Drought Monitor depicts the location and intensity of drought across the country using 5 classifications: Abnormally Dry (D0), showing areas that may be going into or are coming out of drought, and four levels of drought (D1–D4).

The U.S. Drought Monitor is a joint effort of the National Drought Mitigation Center, U.S. Department of Agriculture, National Oceanic and Atmospheric Administration, and National Aeronautics and Space Administration.

Source(s): NDMC, NOAA, USDA, NASA

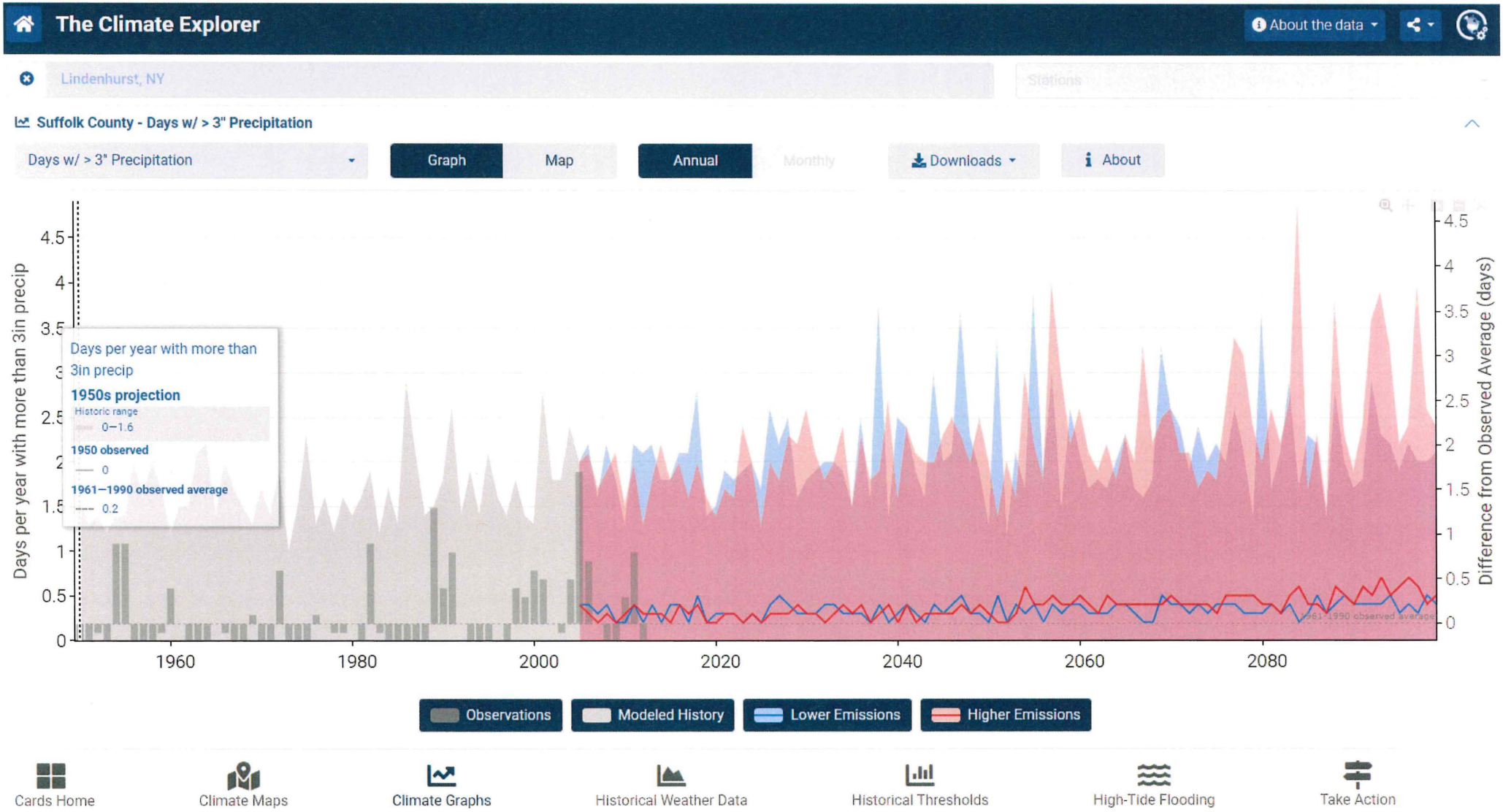
Legend

U.S. Drought Monitor Category	% of U.S.
D0 - Abnormally Dry	13.8%
D1 - Moderate Drought	15.9%
D2 - Severe Drought	20.9%
D3 - Extreme Drought	12.2%
D4 - Exceptional Drought	1.8%
Total Area in Drought (D1–D4)	50.7%

Drought Index | Water Supply | Agriculture

Updates | Help Improve This Site

Map #5


The Climate Explorer
About the data
Lindenhurst, NY
Stations
Suffolk County - Days w/ > 3" Precipitation
Days w/ > 3" Precipitation
Graph
Map
Annual
Monthly
Downloads
About
Days per year with more than 3in precip
1950s projection
Historic range
0–1.6
1950 observed
0
1961–1990 observed average
0.2
Days per year with more than 3in precip
Difference from Observed Average (days)
1960
1980
2000
2020
2040
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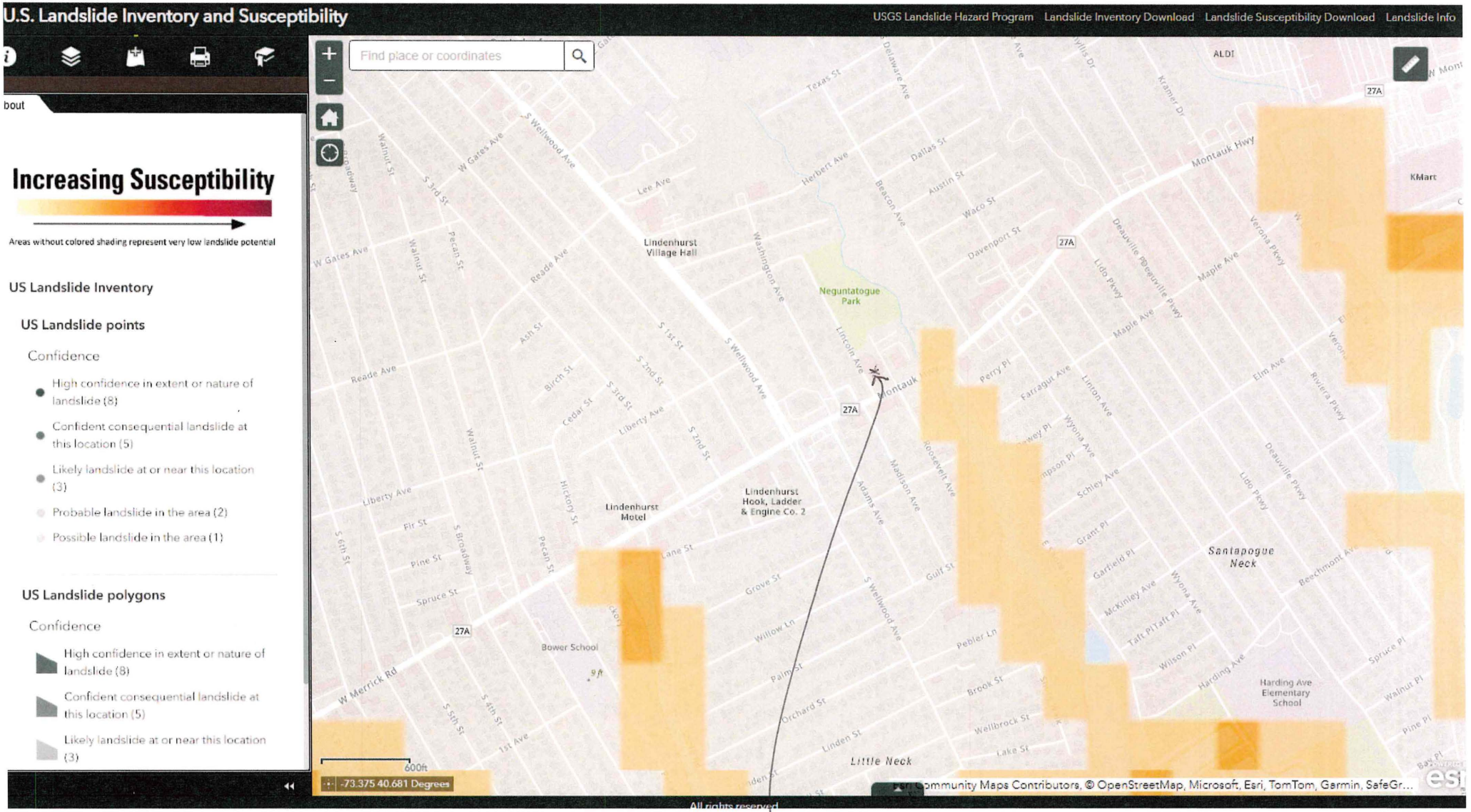
Graph #4


U.S. Landslide Inventory and Susceptibility
USGS Landslide Hazard Program
Landslide Inventory Download
Landslide Susceptibility Download
Landslide Info
Find place or coordinates
bout
Increasing Susceptibility
Areas without colored shading represent very low landslide potential
US Landslide Inventory
US Landslide points
Confidence
High confidence in extent or nature of landslide (8)
Confident consequential landslide at this location (5)
Likely landslide at or near this location (3)
Probable landslide in the area (2)
Possible landslide in the area (1)
US Landslide polygons
Confidence
High confidence in extent or nature of landslide (8)
Confident consequential landslide at this location (5)
Likely landslide at or near this location (3)
Lindenhurst Village Hall
Neguntatogue Park
Lindenhurst Motel
Lindenhurst Hook, Ladder & Engine Co. 2
Bower School
Santapogue Neck
Harding Ave Elementary School
Little Neck
ALDI
KMart
27A
Montauk Hwy
W Merrick Rd
600ft
-73.375 40.681 Degrees
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Site

Map #6