



Periodic Review Report

January 31, 2024 – January 31, 2025

The Bulova Watch Factory
15 Church Street
Sag Harbor, New York

November 24, 2025

Prepared for:

Watchcase Factory Condominium

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Executive Summary

This Revised Periodic Review Report (PRR) is being submitted for the reporting period January 31, 2024 to January 31, 2025, to document the compliance with the Bulova Watch Factory Site Management Plan (SMP). This revised PRR addresses comments received from the New York State Department of Environmental Conservation (NYSDEC) on November 7, 2025 on the original PRR dated February 28, 2025. The Bulova Watch Factory (the Site) was remediated in accordance with Order on Consent Index No. W1-1130-08-12, which was executed on December 31, 2008, effective January 10, 2009, for the development and implementation of a remedial program for the Site. The NYSDEC entered into an Addendum to Order on Consent Index No. W1-1175-13-10 with Bulova Corporation, Sag Development Partners, LLC, The Watchcase Factory Condominium, and The Condominium Board of The Watchcase Factory Condominium, on March 5, 2014. The Site is located at 15 Church Street in the City of Sag Harbor, New York. The site is under the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program, administered by the NYSDEC. Site No. 1-52-139 is defined in the December 1996 Record of Decision (ROD) issued by the NYSDEC.

The remedial activities summarized below were completed in phases at the Site from 1993 to 2006:

- Development and implementation of an Interim Remedial Measure (IRM) Program for the Site consisted of the installation and operation of onsite air sparging and soil vapor extraction systems and ancillary equipment that occurred in 1994.
- Sumps and drywells were closed in 1993, two air sparge/soil vapor extraction (AS/SVE) systems were constructed and began operation in 1994. Impacted soil was excavated from the interior courtyard in 1996. In March 1999, the two AS/SVE systems were deactivated with NYSDEC approval. From October 22 through November 9, 2001, additional soil was removed from the western portion of the interior courtyard using a vacuum truck. Deeper impacted soil was addressed by reactivating, reconfiguring, and operating one of the AS/SVE systems. The AS/SVE system was run in four major periods of operation and controlled shutdown for two years, commencing in March 2002 and ending in April 2004. The AS/SVE system was shut down in June 2005 with the NYSDEC's approval because contaminants in groundwater had reached asymptotic levels.
- In October and November 2001, approximately 110 cubic yards of soil were removed from the western portion of the interior courtyard to a depth of 6 to 8 feet below ground surface (ft bgs). The remaining impacted soils in the courtyard were subsequently addressed by operation of the reconfigured AS/SVE system.
- As the result of the operation of the reconfigured AS/SVE system, concentrations of VOCs in groundwater decreased by 89 to 98 percent by April 2004.
- The relatively low rates of rebound in VOC concentrations following AS/SVE system shutdown demonstrate that significant VOC source material removal had occurred and that there was no indication of the presence of a dense, non-aqueous phase liquid source for VOCs in groundwater.
- Because the continued operation of the AS/SVE system was no longer effective in further contaminant reduction, as the levels present in the groundwater had reached asymptotic conditions, the NYSDEC agreed to system shutdown in June 2005.
- Although the remedial actions (excavation, air sparging, and soil vapor extraction) have significantly reduced the amount of contamination in the subsurface, both impacted groundwater and soil vapor still remained beneath the Site.

In January 2006, the Site was purchased by Sag Development Partners, LLC (SDP) with the intention of redeveloping the Site for residential use in accordance with the prior zoning variance obtained by Watch Case to permit such use on the Site.

The original SMP, dated January 2009, was prepared by Roux on behalf of SDP. The objective of the SMP was to set guidelines for the management of the Site during construction/excavation activities and for the management of any post-construction soil or onsite soil vapor issues with engineering controls (ECs). The construction/excavation activities for Site redevelopment were completed in 2015 and included:

- Installation of ECs (sub-slab depressurizations systems [SSDSs] below the existing factory building and the new garage);
- Utility installation;
- Demolition of existing structures that were not part of the redevelopment;
- Construction of 46 residential units in the existing four-story building; and
- Construction of 17 residential units in the townhouses, above and below-ground parking areas, pool, auxiliary structures, and landscaped areas.

The soil sampling and handling requirements for construction/excavation work at the Site was incorporated into construction design plans. The Site is subject to an Environmental Easement requiring compliance with the SMP and identifying the post-construction engineering and institutional controls (ECs/ICs). The actions under the SMP were consistent with the ROD and Explanation of Significant Differences (ESD).

Design / construction plans that described construction details for implementation of the ESD and SMP were submitted to the NYSDEC and the New York State Department of Health (NYSDOH) for review and approval. Construction for redevelopment of the Site for restricted residential use was completed in 2015, and included the installation, startup, and testing of the ECs specified in the SMP (i.e., SSDSs, venting systems, soil cover system and vapor barriers). The SMP has been updated three times (SMP Addendums 1, 2, and 3) at the request of NYSDEC.

1. Introduction

On behalf of Watchcase Factory Condominium (WFC), Roux Environmental Engineering and Geology, D.P.C. (Roux) have prepared this Revised Periodic Review Report (PRR) to document the compliance with the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) for the Bulova Watch Factory (Site) located in Sag Harbor, New York (Figure 1). This revised PRR addresses comments received from the NYSDEC on November 7, 2025 on the original PRR dated February 28, 2025. The PRR reporting period is from January 31, 2024 to January 31, 2025.

The Site was remediated in accordance with Order on Consent Index No. W1-1130-08-12, which was executed on December 31, 2008, effective January 10, 2009, for the development and implementation of a remedial program for the Site. The NYSDEC entered into an Addendum to Order on Consent Index No. W1-1175-13-10 with Bulova Corporation, Sag Development Partners, LLC, The Watchcase Factory Condominium, and The Condominium Board of The Watchcase Factory Condominium, on March 5, 2014. The Site is located at 15 Church Street in the City of Sag Harbor, New York. The site is under the New York State (NYS) Inactive Hazardous Waste Disposal Site Remedial Program, administered by the NYSDEC. Site No. 1-52-139 is defined in the December 1996 Record of Decision (ROD) issued by the NYSDEC and the June 2007 Explanation of Significant Differences (ESD).

The purpose of this report is to document the implementation of, and compliance with, this last phase of the remedial program (Site Management) in accordance with DER-10 Technical Guidance for Site Investigation and Remediation, dated May 3, 2010 (NYSDEC, 2010), and the guidelines provided by the NYSDEC. A completed Institutional and Engineering Controls Certification Form is included in Appendix A.

Several environmental investigations conducted at the Site from 1993 through 2009 identified soil beneath the Site that was impacted by chlorinated volatile organic compounds (CVOCs). Details of previous environmental investigations, remedial actions and results, and compliance with site management items are provided in Section 2.

2. Site Overview

This section includes a description of the Site, its operational history, previous environmental investigations, and a summary of remedial actions.

2.1 Site Description

The Site is located in Sag Harbor, Suffolk County, New York and is identified as Section 3 Block 4 and Lot 14, District 0903 on the Suffolk County Tax Map (see Figure 2). The Site is an approximately 2.3-acre area and is bounded by Washington Street to the north, Sage Street to the south, Division Street to the east, and Church Street to the west (see Figure 2). The owner(s) of the Site parcel(s) at the time of issuance of this PRR is/are:

- Watchcase Factory Condominium

2.2 Site Operational History

The factory building was built in 1881. The building was used as a watch factory from 1881 to 1936. Prior to 1881, the Site was used as a cotton mill. The Site was purchased by Bulova Corporation (Bulova) in 1936 and was used for the manufacture of watchcases from 1936 to 1981. Bulova owned the Site until 1987. The building is considered to be of significant local historical value. According to the June 14, 2007 ESD, between 1936 and 1981, unknown quantities of 1,1,1-Trichloroethane (TCA) wastes, semi-volatile organic compounds (SVOCs) and metals were released into the environment.

2.3 Summary of Previous Investigations and Remediation

An environmental investigation was conducted in 1987 by Chesner Engineering, P.C. on behalf of the then-owner of the Site, Watch Case Factory Associates, in connection with Watch Case's intended redevelopment of the Site for residential use. Following the 1987 environmental investigation, the Site was classified as a Class 2 Inactive Hazardous Waste Disposal Site by the NYSDEC in January 1993 due to soil and groundwater contamination by volatile organic compounds (VOCs). An Order on Consent (Index No. W1 0674-94-01) (NYSDEC, 1994) was entered into by the NYSDEC and Bulova, as the respondent, in July 1994 requiring the development and implementation of an Interim Remedial Measure Program (IRM) for the Site consisting of installation and operation of onsite air sparging and soil vapor extraction systems and ancillary equipment. A second Order on Consent (NYSDEC, 1995) was entered into by the NYSDEC and Bulova in September 1995, requiring the development and implementation of a remedial program for the Site.

Between 1993 and 1998, soil and groundwater remediation to address the VOC contamination was performed in several phases at the Site. Sumps and drywells were closed in 1993. Two air sparge/soil vapor extraction (AS/SVE) systems were constructed and began operation in 1994. Impacted soil was excavated from the interior courtyard in 1996. In March 1999, the two AS/SVE systems were deactivated with NYSDEC approval. From October 22 through November 9, 2001, additional soil was removed from the western portion of the interior courtyard using a vacuum truck. Deeper impacted soil was addressed by reactivating, reconfiguring, and operating one of the AS/SVE systems. The AS/SVE system was run in four major periods of operation and controlled shutdown for two years, commencing in March 2002 and ending in April 2004. The AS/SVE system was shut down in June 2005 with the NYSDEC's approval because contaminants in groundwater had reached asymptotic levels. The remedial activities are

described in more detail in the Final Remedial Action Report prepared by Shaw Environmental & Infrastructure, Inc. (Shaw, formerly IT Corporation) on behalf of Bulova (Shaw, 2006).

In June 1999, a soil vapor survey (IT Corporation, 1999) indicated the presence of VOC-impacted soil vapor beneath the interior courtyard area. A subsequent soil vapor survey performed in 2000 (IT Corporation, 2000) confirmed the results of the 1999 soil vapor survey. In 2001, a confirmatory soil boring program was completed within the interior courtyard area. Results of the investigation identified an area of the interior courtyard outside the radius of influence of the original AS/SVE systems, which had elevated levels of VOCs in soil and groundwater. The main constituents were chlorinated solvents (1,1,1-TCA, trichloroethene (TCE) and tetrachloroethene (PCE)). Soils impacted with these VOCs were detected in both shallow-depth soils (2'-6' below grade surface [bgs]) and deeper-depth soils (8'-14' bgs). Results of this investigation were submitted in a report entitled Interior Courtyard Confirmatory Soil Boring Assessment Report (Shaw, 2001).

In October and November 2001, approximately 110 cubic yards of soil were removed from the western portion of the interior courtyard to a depth of 6 to 8 feet bgs. The remaining impacted soils in the courtyard were subsequently addressed by operation of the reconfigured AS/SVE system.

In addition, as the result of the operation of the reconfigured AS/SVE system, concentrations of VOCs in groundwater decreased by 89 to 98 percent by April 2004 (Shaw, 2006). Some rebound of VOC concentrations in groundwater was observed during shutdown periods of the AS/SVE system. However, the magnitude of the rebound decreased with each subsequent shutdown period. Even accounting for the rebound effect, most groundwater sampling locations exhibited decreases in VOC concentrations of greater than 90 percent. Moreover, VOC concentrations in groundwater had leveled off and further reductions were not being realized through continued operation of the system (i.e., an asymptotic limit of decreasing VOC concentrations in groundwater versus time was reached in response to continued operation of the AS/SVE system). The relatively low rates of rebound in VOC concentrations following AS/SVE system shutdown demonstrate that significant VOC source material removal has occurred and that there is no indication of the presence of a dense, non-aqueous phase liquid source for VOCs in groundwater.

Because the continued operation of the AS/SVE system was no longer effective in further contaminant reduction, as the levels present in the groundwater had reached asymptotic conditions, the NYSDEC agreed to system shutdown in June 2005.

A review of soil vapor data obtained in March through April 2004 (Shaw, 2006) indicated that elevated concentrations of VOCs persisted in soil vapor beneath the Site. These detections were related to the same VOCs that were observed in soil and groundwater throughout the remedial program. Additional soil vapor sampling was conducted onsite in May 2005 (Shaw, 2005a) and July 2005 (Shaw, 2005b). In the Final Remedial Action Report (Shaw, 2006), equilibrium partitioning calculations demonstrated that source area soils (i.e., grossly impacted soils) are no longer present, although residual soil impacts may remain.

Although the remedial actions (excavation, air sparging, and soil vapor extraction) have significantly reduced the amount of contamination in the subsurface, both impacted groundwater and soil vapor still remained beneath the Site.

In January 2006, the Site was purchased by Sag Development Partners, LLC (SDP) with the intention of redeveloping the Site for residential use in accordance with the prior zoning variance obtained by Watch Case to permit such use on the Site.

The NYSDEC and SDP entered into a Consent Order No. W1-1130-08-12 on December 31, 2008, effective January 10, 2009, for the development and implementation of a remedial program for the Site.

The original SMP, dated January 2009, was prepared by Roux on behalf of SDP. The objective of the SMP was to set guidelines for the management of the Site during construction/excavation activities and for the management of any post-construction soil or onsite soil vapor issues with ECs. The construction/excavation activities for Site redevelopment were completed in 2015 and included:

- Installation of ECs (sub-slab depressurizations systems [SSDSs] below the existing factory building and the new garage);
- Utility installation;
- Demolition of existing structures that were not part of the redevelopment;
- Construction of 46 residential units in the existing four-story building; and
- Construction of 17 residential units in the townhouses, above and below-ground parking areas, pool, auxiliary structures, and landscaped areas.

The soil sampling and handling requirements for construction/excavation work at the Site was incorporated into construction design plans. The Site is subject to an Environmental Easement requiring compliance with the SMP and identifying the post-construction engineering and institutional controls (ECs/ICs) in the SMP. The actions under the SMP were consistent with the ROD and ESD.

Design / construction plans that described construction details for implementation of the ESD and SMP were submitted to the NYSDEC and the NYSDOH for review and approval. Construction for redevelopment of the Site for restricted residential use was completed in 2015, and included the installation, startup, and testing of the ECs specified in the SMP (i.e., SSDSs, venting systems, soil cover system and vapor barriers). The SMP has been updated three times (SMP Addendums, 1, 2 and 3) at the request of NYSDEC.

Following site remediation, a Construction Completion Report (Final Engineering Report [FER]) (January 26, 2022) was prepared and submitted to the NYSDEC to document the remedial activities completed. On September 2, 2022, the FER was approved by the NYSDEC. The March 2021 SMP Addendum 3 was approved by the NYSDEC, in consultation with the NYSDOH. The SMP documents the ECs/ICs for the Site and this PRR will summarize the documentation, monitoring and inspections completed during the reporting period (January 31, 2024 to January 31, 2025) to demonstrate compliance with the SMP. Details of previous environmental investigations, remedial actions and results, and compliance with site management items are provided in Section 2.

Design / construction plans that described construction details for implementation of the ESD and SMP were submitted to the NYSDEC and the NYSDOH for review and approval. Construction for redevelopment of the Site for restricted residential use was completed in 2015, and included the installation, startup, and testing of the ECs specified in the SMP (i.e., SSDSs, venting systems, soil cover system and vapor barriers). The SMP has been updated three times at the request of NYSDEC:

- SMP Addendum #1: Submitted May 7, 2012. Approved July 8, 2012.

- SMP Addendum #2: Submitted October 12, 2017. Approved November 17, 2017.
- SMP Addendum #3: Submitted March 5, 2021. Approved March 9, 2021.

2.4 Remaining Contamination

Since contaminated soil, soil vapor and groundwater remain beneath the Site after completion of the Remedial Action, Institutional and ECs are required to protect human health and the environment. ECs/ICs are described in Section 4. Long-term management of these EC/ICs and residual contamination will be performed under the SMP approved by the NYSDEC.

2.4.1 Soil

Table 10 in the SMP summarizes the results of all soil samples remaining at the Site after completion of Remedial Action. All post-excavation endpoint soil samples are depicted on Figures 5 and 6, attached to the SMP. Only one post-excavation soil sampling location, PESS-19 (see Figure 6 in the SMP) was identified to contain TCE at a concentration exceeding UUSCOs, 0.48 mg/kg compared to its applicable UUSCO of 0.47 mg/kg. All other post-excavation soil sampling locations beneath both the factory building and the parking garage were in compliance with UUSCOs.

2.4.2 Soil Vapor

Historical soil vapor sampling results obtained by Shaw and Louis Berger are depicted on Figure 7 in the SMP. Areas of soil vapor intrusion concern are depicted on Figure 8 in the SMP. Remaining concentrations of VOCs collected from the SSDS effluents in 2019 are attached as Table 11 in the SMP.

During the soil vapor investigation, soil vapor containing VOCs was determined to have migrated off-Site to a limited extent to the north, southeast, and southwest. Although soil vapor intrusion (SVI) testing completed at structures in those directions confirm that vapor intrusion has not occurred, monitoring of the soil vapor at the Site boundary was required by the 2009 version of the SMP. Initially, soil vapor monitoring was required at five locations (SVMP-1 through SVMP-5) surrounding the Site (Figure 7 in the SMP). At each location, soil vapor samples were to be collected in accordance with the NYSDOH October 2006, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, at a depth of eight feet below grade. Monitoring of the soil vapor was required to commence on or before May 15, 2009, and to occur on a semi-annual basis for the first year commencing in the Spring of 2009, after which the need for continued sampling and the sampling frequency was to be re-evaluated by the NYSDEC. During this time, soil vapor monitoring was performed by Louis Berger on behalf of Bulova. Since the 2009 SMP, the following modifications to the monitoring program have occurred:

1. On February 27, 2012, sampling at soil vapor monitoring points SVMP-1, SVMP-2 and SVMP-5 was discontinued and the NYSDEC directed two (2) additional rounds of soil vapor sampling from soil vapor monitoring locations SVMP-3 and SVMP-4, to be conducted around December 2012 and December 2013;
2. On March 19, 2013, the NYSDEC directed the collection of an additional round of soil vapor samples at SVMP-4 during July 2013. As a result of Site redevelopment activities, and in particular the construction of a retaining wall, soil vapor monitoring point SVMP-4's location had to be moved approximately 40 feet to the north, which delayed the December 2013 sampling event until March 2014; and
3. On March 6, 2015, following activation of the Site's SSDS system, the NYSDEC directed the collection of an additional round of soil vapor samples from soil vapor monitoring points SVMP-3

and SVMP-4. This sampling event occurred in April 2015. As of February 29, 2016, the soil vapor monitoring program has been terminated, based on the following:

- a. SVMP-3, located at the northern Site boundary: During the April 2, 2015 sampling event, only minimal concentrations of Site-related contaminants were observed, consistent with the decreasing trend at this location that has been observed since initiation of monitoring in 2009; and
- b. SVMP-4, located proximate to the southeast corner of the Site: While SVMP-4's soil vapor concentrations have not decreased over time, it has been determined that the soil vapors remaining at this location do not pose a public health impact at this time, based on the following:
 - Prior to Site redevelopment, an off-Site soil vapor investigation determined that soil vapor intrusion was not a concern at nearby residences. Following that investigation, extensive source control activities have taken place at the Site, including the removal of over 20,000 cubic yards of contaminated soil, thus reducing further the likelihood of off-Site soil vapor impacts. In addition, a new retaining wall has been constructed at the Site boundary adjacent to the nearest offsite residence, and all of the new residential units at the Site are protected by vapor barriers and the two operational SSDSs. Under all these circumstances, soil vapor monitoring is no longer necessary at the Site. However, in the event that future changes in Site conditions were to present new concerns about potential pathways of human exposure from residual soil vapors in the vicinity of SVMP-4, the NYSDEC, in consultation with NYSDOH, would at that time evaluate the need for additional soil vapor monitoring.

2.4.3 Groundwater

Historical groundwater sampling results obtained by Shaw and Louis Berger are shown on Figure 9 in the SMP. A review of Figure 9 indicated that, as of 2011, three (3) VOCs in groundwater beneath the Site exceeded ambient water-quality standards and guidance values (AWQSGVs) at MW-11R including 1,1,1-TCA, cis-1,2-DCE, and TCE. However, as of 2015, VOCs in groundwater downgradient of the Site were either non-detect or below the applicable AWQSGV. On February 29, 2016, NYSDEC approved termination of the offsite VOC groundwater monitoring program.

3. Remedial Action Objectives

The Remedial Action Objectives (RAOs) for the Site as listed in the ROD dated December 1996 are as follows:

Groundwater

RAOs for Public Health Protection:

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection:

- Restore groundwater aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection:

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of or exposure from contaminants volatilizing from contaminants in soil.

RAOs for Environmental Protection:

- Prevent migration of contaminants that would result in groundwater or surface water contamination.
- Prevent impacts to biota from ingestion/direct contact with soil causing toxicity or impacts from bioaccumulation through the terrestrial food chain.

Soil Vapor

RAOs for Public Health Protection:

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a Site.

4. Site Management Plan Compliance

This section details the requirements of the SMP, and whether these requirements were met. The elements of the SMP, ECs/ICs, SSDS monitoring, SSDS effluent sampling, Site inspection, site maintenance and regulatory reporting requirements, are described in the subsections below.

4.1 Engineering Control Compliance

The ECs at the Site include both the soil cover system and the two SSDSs. The SSDSs, as described in Section 4.1.1, are operational and designed to prevent soil vapor intrusion into above grade residential structures. The results of the SSDSs monitoring and performance data and soil cover system inspection are described in the following sections.

4.1.1 Sub-Slab Depressurization Systems

This section evaluates the performance of the SSDSs, summarizes the results of performance monitoring, and evaluates the effectiveness of the SSDSs in accordance with the Objective and Goals of the SSDSs, as outlined in the Operation, Maintenance, and Maintenance (OM&M) Plan (SMP – Appendix G).

Since remaining contaminated soil and soil vapor exists beneath the Site, ECs are required to protect human health and the environment. The Site has two SSDS that were installed to prevent soil vapor intrusion into above grade residential structures: one above the pre-existing slab for the existing factory building and the second below the new slab for new construction (i.e., the new apartments and garage/town houses). A 10-mil polyethylene vapor barrier, protective geotextile fabric, and new concrete slab were installed above the two SSDS to further prevent soil vapor intrusion into above-grade residential structures. The SSDS design is in accordance with NYSDOH October 2006, Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York. All mitigation systems were tested in accordance with the SMP (January 2009) and Factory/Garage Sub-Slab Depressurization System Start-Up and Monitoring Plan (November 2014) prior to occupation of the Site.

For the existing factory building, the ECs to prevent soil vapor intrusion into the building and prevent direct contact with soil beneath the building consists of an SSDS (Factory Building SSDS) between the first floor living area (i.e., raised floor) and the existing foundation slab (i.e., sub-floor), and a vapor barrier covered by a 3-inch concrete mud slab (Figures 10 and 12 in the SMP Addendum #3).

The Factory Building SSDS was installed between the pre-existing slab and a new concrete slab below the first floor living space to prevent soil vapor intrusion into any residential spaces in the existing building and will be maintained and operated at all times in accordance with the OM&M Plan (Appendix G of the SMP). The active Factory Building SSDS consists of five connected networks of vapor collection piping (i.e., legs) set in an eight-inch-thick sand layer installed above the pre-existing foundation slab. A 10-mil vapor barrier sandwiched between two geotextile layers lies above the sand layer, and a new 3-inch-thick concrete slab lies on top of the upper geotextile layer. Each leg of the system is equipped with a digital micromanometer

gauge capable of reading a pressure of -0.001 inches of water column or lower (or vacuum of as 0.001 in. w.c. or higher) ¹ and a data logger.

An as-built process and instrumentation diagram for the Factory Building SSDS is attached as Figure 11 in the SMP. The five legs of the Factory Building SSDS were routed to a blower room and piped together to connect to two 5.5 horsepower (Hp) Rotron EN-757 Blowers, capable of 310 cubic feet per minute (cfm) and 80 in. w.c. The blowers were installed in the mechanical room on the main floor and are housed in a sound-dampening enclosure. The enclosure has a ventilation fan and thermostat. A knock-out tank was also installed at the inlet to the blower to prevent water from being drawn into the blower. The knock-out tank has a high-level switch to shut down the blower if the knock-out tank fills with water. A dilution valve was installed at the inlet to the blower to control the pressure and flow rate. Pressure gauges were installed at the knock-out tank and the inlet and outlet to the blower. The Factory Building SSDS also includes an autodialer, which will automatically contact the environmental consultant and the building supervisor in the event of a system failure.

The pipe manifold consists of five 2-inch PVC ball valves that allow each leg of the factory SSDS to be adjusted to achieve optimal negative pressure (vacuum) results across the factory building (Figures 12 and 13 in the SMP). The two blowers are connected to a common 6-inch PVC discharge (riser) pipe that conveys air flow from beneath the factory building to the atmosphere. The discharge from the blower is conveyed through a 6-inch PVC pipe mounted to the inside of the existing 7.5 foot by 7.5-foot (cross-section) chimney that is approximately 82-feet high and a minimum of 15 feet away from any roof air intakes.

A vapor barrier membrane was installed across the entire Factory Building SSDS, thereby providing a secondary layer of protection against any vapor migration into the residential spaces. The vapor barrier membrane consists of 10-mil thick solvent-resistant polyethylene.

As part of the factory construction, a permeable demarcation layer was placed at the bottom of all excavations beneath landscaped areas prior to the placement of clean fill or topsoil and above any subsurface areas where Site soil was left undisturbed or was re-graded but left in place (Figure 10 in the SMP).

For areas of new construction (e.g., new buildings/structures, apartments, pools, landscaped areas, roads, walkways, and the garage), the ECs to prevent soil vapor intrusion into residential spaces and prevent direct contact with Site soil consist of the following:

1. An SSDS (hereinafter "Garage SSDS" and formerly referred to as the new construction SSDS) and vapor barrier beneath the proposed garage foundation slab and along town home soil-contact sidewalls;
2. A vapor barrier installed between the garage roof and each town home foundation slab;
3. A demarcation layer placed at the bottom of all excavations beneath landscaped areas and above all subsurface areas of undisturbed, re-graded, or re-used Site soil, with the exception of beneath the garage; and
4. The new garage floor concrete slab.

¹ In a letter dated July 31, 2024, entitled "Site Management (SM) Periodic Review Report (PRR) Response Letter", NYSDEC requested that all blower operating measurements and monitoring point measurements be adjusted to reflect the readings as negative pressure values compared to the previous reporting as positive vacuum values. This requested change was incorporated into all quarterly monitoring reports beginning with the third quarter of 2024 and is reflected in Table 1 in this PRR.

The new town homes were built on top of the garage. To address any vehicular exhaust, a venting system was installed and will be operated at all times in the garage below the apartment units in accordance with applicable local building codes. Self-closing doors and/or vented stairwells will be used in the garage elevator shafts and stairwells to prevent migration of vehicular exhaust from the garage space into the residential spaces.

The Garage SSDS (Figures 14 and 15 in the SMP) was constructed below the proposed garage floor slab and along the new town home perimeter where the soil comes in contact with the sidewalls and will be maintained and operated at all times in accordance with the OM&M Plan (Appendix G in the SMP). The Garage SSDS prevents accumulation and lateral/vertical migration of soil vapors from below the garage slab and along the town home foundation sidewalls. The Garage SSDS consists of 6-inch PVC 20-slot collection pipe, encapsulated in a 24-inch by 12-inch gravel pack, and wrapped in 10-ounce non-woven geotextile fabric. The garage floor slab serves as an EC to prevent direct contact with Site soil beneath it.

The town home perimeter piping consists of a horizontal run of collection pipe, encapsulated in similar gravel pack and geotextile fabric four feet below grade, along the foundation sidewalls of the town houses. The perimeter piping was run along the Sage Street and Church Street perimeter, between the town homes and the street. In addition, all vertical soil-contact foundation sidewalls were sealed with a vapor barrier membrane.

An as-built process and instrumentation diagram of the Garage SSDS is provided on Figure 11 in the SMP. The two legs of the Garage SSDS (garage and perimeter piping) were routed to the blower room and piped together to connect to a 7 Hp Rotron EN-808 Blower, capable of 360 cfm and 90 in. w.c. The blower was installed in a mechanical room in the garage and is housed in a sound dampening enclosure. The enclosure has a ventilation fan and thermostat. A knock-out tank was also installed at the inlet to the blower to prevent water from being drawn into the blower. The knock-out tank has a high-level switch to shut down the blower if the knock-out tank fills with water. A dilution valve has been installed at the inlet to the blower to control the pressure and flow rate. Pressure gauges have been installed at the knock-out tank and the inlet and outlet to the blower. An autodialer connected to the blower will automatically contact the environmental consultant and the building supervisor in the event of a system failure.

The pipe manifold consists of two 2-inch PVC ball valves to allow each leg of the Garage SSDS to be adjusted to achieve optimal negative pressure (Figures 14 and 15 in the SMP). The blower is connected to a 6-inch PVC discharge (riser) pipe that conveys air flow from beneath the new construction to the atmosphere above the roofline of the pool house building and a minimum of 15 feet away from any roof air intakes.

A vapor barrier membrane was installed across the entire Garage SSDS, thereby providing a secondary layer of protection against any vapor migration into the garage and residential spaces. The vapor barrier membrane consists of 10-mil thick solvent-resistant polyethylene.

A vapor barrier was also installed between the garage roof and the new apartment foundation slab as a control to prevent any soil vapor migration into the town homes.

As part of the new construction, a permeable demarcation layer was placed at the bottom of all excavations beneath landscaped areas, prior to the placement of clean fill or topsoil and above any subsurface areas

where Site soil was left undisturbed or was re-graded but left in place. The garage floor slab will serve as an EC to prevent direct contact for Site soil beneath it.

Procedures for monitoring, operating, and maintaining the SSDS systems are provided in the OM&M Plan, amended on June 3, 2020, and attached as Appendix G in the SMP Addendum #3. The OM&M Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs. A Contingency Plan is included within the OM&M Plan, which presents the action steps to implement if an SSDS at the Site shuts down.

4.1.1.1 SSDS Monitoring and SSDS Vapor Effluent Sampling and Results

Monitoring of the SSDSs was performed quarterly, as is specified in the SMP. A visual inspection, as well as a quantitative inspection, of the complete system was conducted during each of the monitoring events. The factory and garage SSDSs were monitored for pressure at the inlet (negative pressure/vacuum) and outlet to the blower, pressure readings at the sub-slab vapor monitoring points, photoionization detector (PID) readings of the blower effluent and a visual inspection of the SSDS mechanical and above grade piping components. During the reporting period, quarterly monitoring of the SSDSs was performed in April, July, and November 2024 and January 2025. The SSDS monitoring data is submitted to NYSDEC on a quarterly basis in letter reports entitled SSDS Vacuum Monitoring Summary (with appropriate quarter identified) for the second quarter 2024 and SSDS Pressure Monitoring Summary for the third and fourth quarter 2024 and first quarter of 2025. These reports submitted for the reporting period are included in Appendix B. Pressure monitoring results from SSDS start-up through January 2024 are summarized in Table 1.

SSDS Monitoring

SSDS inspection and monitoring activities were performed on April 11, 2024, July 17, 2024, November 7, 2024, and January 23, 2025. In addition to visual inspections of the SSDS mechanical and above-grade piping components, the following parameters were monitored:

- Pressure and air flow readings at the blower inlet and outlet;
- Pressure readings at the moisture separator tank;
- Pressure readings at the SSDS monitoring points; and
- PID readings at the blower outlets.

During the Site visits, pressure readings were collected at each SSDS monitoring point using a handheld micromanometer. Table 1 indicates that the Factory Building and Garage SSDSs were operating properly (i.e., maintaining a pressure of -0.004 in. w.c. or less at each monitoring point). During this reporting period all monitoring points met the goal of -0.004 in. w.c. or less. This data indicates that the SSDSs are operating properly.

SSDS Vapor Effluent Sampling

SSDS vapor effluent sampling took place in 2019, 2020, 2023, and 2024. In Fall of 2019, NYSDEC required annual sampling of the SSDS vapor effluent from both systems. As per the NYSDEC, since the soil vapor monitoring program has been discontinued, sampling of the SSDS vapor effluents will provide data representative of the current soil vapor conditions beneath the Site. A total of two vapor samples have been collected on an annual basis with the exception of 2021 and 2022, one from the Factory Building SSDS and one from the garage SSDS. The vapor samples were collected from each system using a batch-

certified summa canister and flow controller. Each summa canister was connected to a sampling tap located at the effluent of the SSDSs to collect a vapor sample over a two-hour period. The vapor samples were sent to a NYSDOH Environmental Laboratory Approval Program-certified (ELAP) laboratory for the analysis of VOCs via USEPA Method TO-15. The SSDS vapor effluent sampling results can be found in Appendix C. A Data Usability Summary Report (DUSR) prepared by a third party data validator, Data Validation Services, is included in Appendix D. Any qualifiers added based on the DUSR are shown in Table 2 and Table 3.

The analytical results of the SSDS vapor effluent samples can be found in Table 2. Chlorinated VOCs and some petroleum related VOCs are still present in the SSDS vapor effluent samples.

4.1.1.2 Groundwater Monitoring for Emerging Contaminants at Off-site Monitoring Well Results

In Spring of 2018, the NYSDEC directed the collection of one round of groundwater samples from off-site monitoring wells, to be analyzed for emerging contaminants of concern such as Per- and Polyfluoroalkyl Substances (PFAS) and 1,4-dioxane. Roux completed sampling of three off-site wells MW-2, MW-11N, and WCF-10 on May 25, 2018. Monitoring well locations are shown on Plate 3. Monitoring wells WCF-3S and WCF-3D could not be located during the 2018 sampling event. The following results were obtained:

- MW-2 contained the following concentrations of Perfluorooctanesulfonic acid (PFOS) and Perfluorooctanoic acid (PFOA).
 - PFOS was detected at 1.61 J+ nanograms per liter (ng/L), which does not exceed the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - The qualifier J+ indicates that this is an estimated value, high bias
 - PFOA was detected at 20.3 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- MW-11N contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 17.5 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 19.6 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-10 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 6.72 J+ ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - The qualifier J+ indicates that this is an estimated value, high bias
 - PFOA was detected at 69.2 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- There were no detections of 1,4-dioxane in any of the three monitoring wells.

In Summer of 2020, MW-2, MW-11N, WCF-10 and WCF-3D were sampled for PFAS in accordance with the draft SMP Addendum #3 submitted to NYSDEC in January 2020 (note that the draft and final SMP Addendum #3 did not include sampling for 1, 4-Dioxane).

Prior to the 2020 sampling round, Roux contacted the prior consultant (Louis Berger), who had previously sampled WCF-3S and WCF-3D for VOCs, for information that might help in locating these wells. WCF-3S

and WCF-3D had not been sampled in a number of years after sampling for VOCs was discontinued with the approval of NYSDEC in February 2016. Roux was informed by Louis Berger that though identified as being a “nested well” in past reports, there are actually two separate wells located a few feet apart, both located in the grassed area adjacent to the parking spaces. Roux was able to locate WCF-3D, which was buried under about 3 inches of soil and grass using a metal detector. Roux made several attempts to find WCF-3S by excavating to a depth of approximately 12 inches in a few other areas identified as containing metal, however monitoring well WCF-3S could not be located during the sampling event. The following results were obtained:

- MW-2 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 2.15 ng/L, which does not exceed the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 15.8 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- MW-11N contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 12.9 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 33.4 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-10 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 50.0 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 31.7 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-3D contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 8.88 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 67.6 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L

In 2023, Roux completed sampling of two off-site wells, MW-2 and WCF-10 on November 13, 2023. Monitoring well MW-11N was dry with a depth to bottom noted as 11.54 feet. In 2018, the depth to bottom at this well was 17.37 feet. This indicated that either there was an obstruction in the well or the well had collapsed. In April 2024 Roux was able to remove the obstruction from well 11N so that was sampled during the 2024 annual sampling round in July 2024.

Monitoring wells WCF-3S and WCF-3D could not be located during the 2023 sampling event. Roux was able to use a metal detector and shovel to locate WCF-3S and WCF-3D in the landscaped area behind the parking spaces so they were sampled during the 2024 annual sampling round in July 2024.

The following results were obtained:

- MW-2 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 4.84 nanograms per liter (ng/L) in the parent sample and 4.57 ng/L in the duplicate sample, which exceed the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L

- PFOA was detected at 28.8 ng/L in the parent sample and 27.6 ng/L in the duplicate sample, which exceed the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-10 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 2.43 ng/L, which does not exceed the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 21 ng/L, which exceed the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L

In 2024, Roux completed groundwater sampling at all five off-site wells on July 11, 2024. MW-2, MW-11N, WCF-3D, WCF-3S, and WCF-10 were all accessible and unobstructed. Each well was purged at a low-flow rate to minimize drawdown, and field parameters (e.g., pH, temperature, turbidity, conductivity) were collected concurrently. Once drawdown and field parameters stabilized, a groundwater sample was collected from each monitoring well. A duplicate sample was collected from MW-2 and matrix spike/matrix spike duplicate samples were collected from MW-11N. Each groundwater sample was analyzed by a NYSDOH ELAP laboratory for PFAS via USEPA method 1633 (which is the current method in the NYSDEC PFAS Guidance). The Category B laboratory report is provided in Appendix C. A DUSR prepared by a third party data validator, Data Validation Services, is included in Appendix D. The following results were obtained in 2024:

- MW-2 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 2.29 ng/L, which does not exceed the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 22.3 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- MW-11N contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 10.5 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 20.3 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-3D contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 7.97 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 28.7 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-3S contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 26.9 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 33.8 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L
- WCF-10 contained the following concentrations of PFOS and PFOA.
 - PFOS was detected at 8.46 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 2.7 ng/L
 - PFOA was detected at 19.8 ng/L, exceeding the NYSDEC Ambient Water Quality Guidance Value of 6.7 ng/L

Analytical results of the May 2018, June 2020, November 13, 2023, and July 11, 2024 sampling events can be found in Table 3.

Acceptable materials for PFAS sampling include stainless-steel, high-density polyethylene (HDPE), PVC, silicone, acetate, and polypropylene. Additional materials may be acceptable if pre-approved by NYSDEC's Division of Environmental Remediation. No sampling equipment components or sample containers came in contact with aluminum foil, low density polyethylene, glass, or polytetrafluoroethylene (PTFE, Teflon™) materials including plumbers' tape and sample bottle cap liners with a PTFE layer. For sampling, Level D PPE is appropriate. The sampler wore nitrile gloves when performing sampling and handling equipment, and considered the clothing being worn during all sampling activities. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials were avoided. All clothing worn by sampling personnel was laundered multiple times. Appropriate rain gear (PVC, polyurethane, or rubber rain gear are acceptable), bug spray, and sunscreen were used that does not contain PFAS.

Per the 2021 SMP Addendum No. 3, it is recommended that offsite monitoring wells MW-2, MW-11N, WCF-3S, WCF-3D and WCF-10 are sampled on an annual basis for PFAS. Based on the results from the July 2024 sampling event, analysis shows that the groundwater is exhibiting stable PFAS levels that reflect background levels. Considering this data, Roux requests to reduce groundwater sampling frequency to every three years. Assuming this request is granted, the next sampling event will take place in July 2027.

4.1.2 Soil Cover System

The Soil Cover System was monitored in accordance with the inspection schedule. The Site inspection form completed during the annual Site cover inspection conducted on November 7, 2024, is included as Appendix E. The soil cover system was in good condition.

4.2 Institutional Control Compliance

An IC in the form of an Environmental Easement was imposed that requires (a) limiting the use and development of the property to restricted residential, commercial and industrial use; (b) compliance with the approved SMP; (c) restricting the use of groundwater as a source of potable or processed water without the necessary water quality treatment as determined by NYSDOH; and (d) the property owner to complete and submit to the Department a periodic certification of institutional and ECs. Adherence to these ICs on the Site is required by the Environmental Easement and is implemented under the NYSDEC-approved SMP Addendum #3. The ICs and Site restrictions that apply to the Site are:

- Compliance with the Environmental Easement and the SMP by the Grantor and the Grantor's successors and assigns.
- All ECs must be operated and maintained as specified in the SMP.
- All ECs on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP.
- 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 the SMP.

ICs identified in the Environmental Easement may not be discontinued without an amendment to, or extinguishment of, the Deed Restriction.

The Site has a series of ICs in the form of site restrictions. Adherence to these ICs is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for Restricted Residential, Commercial and Industrial use provided that the long-term ECs/ICs included in the SMP are employed.
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP.
- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use.
- Vegetable gardens and farming on the property are prohibited.
- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

The Site is in compliance with the ICs as noted above and described in further detail in the following sections.

4.2.1 Excavation Work Plan Compliance

The site has been remediated for Restricted Residential use. Any future intrusive work that will penetrate the soil cover or cap, or encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system, will be performed in compliance with the Excavation Work Plan (EWP) in Appendix D of the SMP.

4.3 Notifications

4.3.1 Notification Compliance

Notifications will be submitted by the property owner to the NYSDEC as needed for the following reasons:

- 60-day advance notice of any proposed changes in Site use that are required under the terms of the Order on Consent, 6NYCRR Part 375, and/or Environmental Conservation Law.
- 7-day advance notice of any proposed ground-intrusive activities pursuant to the EWP.
- Notice within 48 hours of any damage or defect to the foundations or structures that reduces or has the potential to reduce the effectiveness of other ECs and likewise any action to be taken to mitigate the damage or defect.
- Verbal notice by noon of the following day of any emergency, such as a fire, flood, or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.
- Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action shall be submitted to the NYSDEC within 45 days and shall describe and document actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the site or the responsibility for implementing the SMP will include the following notifications:

- At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser has been provided with a copy of the Order on Consent, and all approved work plans and reports, including the SMP.
- Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing.

4.4 Certification of Engineering and Institutional Controls

After the last inspection of the reporting period, a qualified environmental professional will prepare the following certification:

- For each institutional or engineering control identified for the site, I certify that all of the following statements are true:
 - The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
 - The IC and/or EC employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
 - Nothing has occurred that would impair the ability of the control to protect the public health and environment;
 - Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
 - 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;
 - If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;
 - Use of the site is compliant with the deed restriction;
 - The engineering control systems are performing as designed and are effective; and
 - 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.

The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form 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, Noelle Clarke, P.E., of Roux Environmental Engineering and Geology D.P.C., am certifying as Owner's Designated Representative Rendering Certification for the Site.

The completed Institutional and Engineering Controls Certification Form is provided in Appendix A.

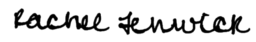
5. Overall PRR Conclusions

The following section presents conclusions from inspections and monitoring activities.

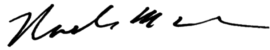
- The ICs and ECs are performing as designed, are effective, and are compliant with specifications described in the SMP Addendum #3. No changes to the monitoring plan, except as noted below, are recommended at this time.
- Groundwater sampling for emerging contaminants will continue, annually.

Respectfully submitted,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY D.P.C.



Rachel Fenwick
Project Engineer



Noelle Clarke, P.E.
Principal Engineer

TABLES

1. SSDS Monitoring Summary
2. Summary of Volatile Organic Compounds in SSDS Effluent Vapor
3. Summary of Emerging Contaminants in Groundwater

Notes Utilized Throughout Tables	
Groundwater Tables	
J -	Estimated Value
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
R -	Sample results rejected by validator
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
J+ -	Estimated value, high bias
J- -	Estimated value, low bias
FD -	Duplicate
NA -	Compound was not analyzed for by laboratory
µg/L -	Micrograms per liter
ng/L -	Nanogram per liter
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	
Soil Vapor/Ambient Air	
J -	Estimated value
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
R -	Sample results rejected by validator
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
J- -	Estimated value, low bias
FD -	Duplicate sample
NA -	Compound was not analyzed for by laboratory
ug/m3 -	Micrograms per cubic meter
Bold data indicates that parameter was detected	

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Factory Building SSDS																			
	SSDS Zones Inside Blower Room					Blower 1					Blower 2									
	Zone 1 (in. w.c.)	Zone 2 (in. w.c.)	Zone 3 (in. w.c.)	Zone 4 (in. w.c.)	Zone 5 (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)					
March 6, 2015	-2.50	-2.40	-1.90	-5.80	-6.50	--	-25	-31	--	--	--	-20	-8	--	--					
March 12, 2015	-2.58	--	-2.06	-3.24	-5.93	-6.73	--	--	--	--	--	--	--	--	--					
March 19, 2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--					
March 24, 2015	-6.38	-5.76	-3.15	-5.77	-6.46	--	--	--	--	--	--	--	--	--	--					
April 2, 2015	-2.51	-2.06	-3.21	-5.81	-6.52	2,750.6	-22	-31	20	0.0	1,943.8	-20	-10	19	0.0					
April 7, 2015	-2.44	-2.06	-3.3	-5.64	-6.47	2,871.4	-25	-32	20	0.0	2,064.4	-20	-19	20	0.0					
April 14, 2015	-1.97	-3.51	-3.51	-5.38	-6.97	3,040.2	--	-30	20	0.0	2,033.2	-20	-20	20	0.0					
April 22, 2015	-2.48	-2.02	-3.24	-5.53	-6.46	3,231.2	-25	-31	20	0.0	2,424.1	-21	-10	18	0.0					
May 5, 2015	-2.52	-2.03	-3.19	-5.78	-6.42	3,512.8	-18	-32	20	0.0	2,705.7	-21	-9	18	0.0					
May 11, 2015	-2.54	-1.98	-3.28	-5.72	-6.53	3,621.5	--	-31	20	0.0	2,814.4	-21	-10	17	0.0					
May 27, 2015	-2.78	-2.26	-3.37	-0.31	-0.46	3,821.9	Blower 1 down since May 23, 2015									3,112.8	-29	-32	6	0.0
June 2, 2015	-2.78	-2.26	-3.4	-0.31	-0.43	3,821.9	Blower 1 down since May 23, 2015									3,256.6	-29	-38	6	0.0
June 9, 2015	-2.44	-2.07	-3.24	-5.66	-6.5	3,833.0	-20	-10	15	--	3,485.2	-24	-30	20	--					
July 29, 2015	-2.61	-2.07	-3.24	-3.82	-6.59	4,853.2	-21	-10	19	0.0	4,288.2	-25	-20	20	0.0					
August 6, 2015	-2.63	-2.17	-3.31	-5.72	-6.46	5,048.4	-21	-9	18	0.0	4,483.5	-25	-20	20	0.0					
September 11, 2015	-2.62	-2.14	-3.3	-5.74	-6.55	5,910.9	-21	-10	19	0.0	5,340.0	-24	-20	19	0.0					
December 31, 2015	-2.68	-2.02	-3.3	-5.76	-6.48	8,576.6	-22	-10	18	0.2	8,011.3	-21	-20	20	0.1					
January 21, 2016	-2.62	-2.04	-3.25	-5.67	-6.45	9,078.4	-22	-10	18	0.2	8,513.5	-22	-19	19	0.1					
March 22, 2016	-2.66	-1.98	-3.31	-5.78	-6.42	10,543.2	-25	-20	20	0.0	9,979.0	-21	-10	18	0.1					
April 22, 2016	-2.6	-2.04	-3.26	-5.62	-6.37	11,286.5	-22	-20	20	0.1	10,721.4	-21	-9	18	0.0					
May 27, 2016	-2.63	-2.05	-3.24	-5.61	-6.44	12,195.4	-22	-20	20	0.0	11,463.2	-21	-10	18	0.0					
June 21, 2016	-2.68	-2.07	-3.2	-5.65	-6.42	12,724.4	-23	-20	20	0.0	12,159.4	-21	--	18	0.0					
March 22, 2017	-2.63	-2.09	-3.29	-5.69	-6.43	19,046.5	--	-20	20	0.0	18,481.0	-21	--	--	--					
May 5, 2017	-2.62	-2.03	-2.99	-5.79	-6.47	20,105.3	-21	--	18	0.0	19,540.3	-27	-20	20	0.0					
July 21, 2017	-2.68	-1.93	-3.01	-5.79	-5.72	21,953.8	-27	-10	18	0.0	21,388.1	-21	-20	19	0.0					
December 13, 2017	-2.66	-1.96	-2.41	-5.62	-6.37	25,433.2	-25	-10	18	0.1	24,868.2	-25	-20	18	0.0					
February 12, 2018	-2.60	-2.20	-3.29	-5.75	-6.46	--	-20	--	18	0.1	--	-25	-20	20	0.0					
May 15, 2018	-2.66	-2.01	-2.41	-5.82	-6.53	29,104.8	-24	-10	18	0.0	28,539.7	-25	-20	19	0.0					
August 16, 2018	-2.63	-2.08	-2.49	-5.81	-6.58	31,273.0	-26	-9	18	0.0	30,707.0	-22	-20	18	0.0					
October 3, 2018	-2.64	-1.98	-2.66	-5.75	-6.52	32,427.7	-24	-10	18	0.0	31,861.0	-22	-20	18	0.0					
January 16, 2019	-2.51	-1.98	-2.69	-5.75	-6.46	34,947.8	-22	-8	18	0.0	34,381.6	-24	-18	20	0.0					
April 5, 2019	-2.71	-2.14	-2.71	-5.77	-6.65	36,839.8	-22	-10	19	0.0	36,274.5	-24	-20	19	0.0					
August 2, 2019	-2.63	-2.20	-2.98	-5.73	-6.58	39,672.0	-22	-10	19	0.0	39,106.7	-24	-20	19	0.0					
December 23, 2019	-2.69	-2.10	-2.45	-5.79	-6.52	43,131.3	-26	-10	16	0.0	42,565.8	-19	-20	18	0.0					
March 31, 2020	-2.66	-2.10	-2.05	-5.78	-6.54	45,505.2	--	-8	10	0.0	44,939.6	-19	-20	18	0.0					
June 17, 2020	-2.64	-2.04	-2.26	-5.79	-6.58	47,375.8	-26	--	14	0.0	46,810.2	-20	-20	18	0.0					
September 16, 2020	-2.12	-2.53	-2.34	-5.87	-6.57	49,669.6	-26	-6	8	0.0	48,994.1	-20	-18	20	0.0					
December 8, 2020	-2.76	-2.31	-2.11	-5.55	-6.59	51,555.6	-26	-14	8	0.0	50,990.6	-30	-22	16	0.0					
December 9, 2020	-5.09	-5.20	-3.22	-2.72	-3.21	51,580.1	-25	-15	8	0.0	51,014.6	-35	-26	16	0.0					
December 15, 2020	-5.17	-5.16	-3.05	-2.42	-4.07	51,721.5	-25	-14	8	0.0	51,155.9	-35	-26	16	0.0					
March 29, 2021	-5.26	-5.37	-2.98	-2.36	-4.00	54,058.2	-21	-13	10	0.0	53,492.7	-24	-21	18	0.0					
June 30, 2021	-5.19	-5.23	-3.00	-2.41	-3.99	56,290.0	-21	-12	10	0.0	55,725.3	-25	-21	18	0.0					
September 30, 2021	-5.27	-5.36	-3.09	-2.45	-4.08	58,498.1	-22	-12	10	0.0	57,932.6	-24	-20	18	0.0					
December 28, 2021	-5.27	-5.36	-3.03	-2.43	-4.03	60,635.4	-21	-12	10	0.0	60,069.8	-24	-22	18	0.0					
March 24, 2022	-5.18	-5.30	-3.10	-2.52	-4.27	62,698.0	-21	-12	10	0.0	62,132.4	-25	-21	18	0.0					
June 30, 2022	-5.17	-5.32	-3.06	-2.45	-4.11	65,050.0	-21	-12	10	0.0	64,484.4	-25	-21	18	0.0					
December 16, 2022	-5.30	-5.23	-3.08	-2.61	-4.30	69,109.1	-26	-12	10	0.0	68,543.5	-25	-25	18	0.0					
January 25, 2023	-5.55	-5.32	-3.08	-2.5	-4.32	70,067.10	-25	-12	10	0.0	69,501.40	-36	-27	12	0.0					
June 30, 2023	-5.48	-5.34	-3.13	-2.5	-4.25	73,809.80	-25	-12	10	0.0	73,244.10	-35	-25	12	0.0					
September 27, 2023	-5.82	-5.53	-3.14	-2.61	-4.46	75,995.60	-27	-14	10	0.0	75,379.30	-31	-22	12	0.0					
November 13, 2023	-5.72	-5.44	-3.04	-2.63	-4.31	77,073.7	-28	-15	15	0.0	76,507.9	-29	-24	16	0.0					
January 25, 2024	-5.65	-5.42	-3.12	-2.54	-4.33	78,826.8	-28	-15	11	0.0	78,261.1	-30	-20	13	0.0					
April 11, 2024	-5.57	-5.4	-3.1	-2.53	-4.32	80,673.6	-18	-12	12	0.1	80,077.8	-32	-26	18	0.0					
July 17, 2024	-5.95	-5.32	-3.04	-2.58	-4.2	83,001.1	-23	-16	11	0.0	82,435.3	-26	-20	15	0.0					
November 7, 2024	-5.84	-5.11	-3.07	-2.53	-4.32	85,714.1	-25	-18	15	0.0	85,148.3	-26	-22	16	0.0					
January 23, 2025	-5.8	-5.3	-3.12	-2.57	-4.41	87,562.1	-23	-18	14	0.0	86,996.3	-25	-20	15	0.0					

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room

Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room

Garage Blower: Rotron EN909 15Hp, located in garage blower room

Zone 1: SSDS Green Line, Blower 2

Zone 2: SSDS Purple Line, Blower 2

Zone 3: SSDS Orange Line, Blower 2

Zone 4: SSDS Red Line, Blower 1

Zone 5: SSDS Blue Line, Blower 1

Perm. E.: SSDS Perimeter East Line, Garage Blower

Perm. W.: SSDS Perimeter West Line, Garage Blower

Garage: SSDS Garage Line, Garage Blower

Influent: Blower Influent Vacuum Gauge

K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge

Effluent: Blower Effluent Pressure Gauge

PID: Photoionization Detector

in. w.c.: inches of water column

ppm: parts per million

--: measurement was not collected

¹In July 2024 NYSDDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report.
²Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.
³The digital gauges used to monitor the SSDS legs for Zones 1-5 display vacuum (and thus a positive number when reading the gauge).
 However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Garage & Perimeter SSDS							
	SSDS Zones Inside Blower Room			Garage Blower				
	Perm. E. (in. w.c.)	Perm. W. (in. w.c.)	Garage (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)
March 6, 2015	-2.20	-2.00	-0.90	--	28	19	--	--
March 12, 2015	-2.63	-2.34	-0.52	--	--	--	--	--
March 19, 2015	-2.57	-2.23	-0.56	--	--	--	--	--
March 24, 2015	-2.61	-2.17	-0.51	--	--	--	--	--
April 2, 2015	-2.52	-2.20	-0.51	2,859.4	24	11	2.2	0.0
April 7, 2015	-2.67	-2.24	-0.53	2,980.0	24	27	2.5	0.0
April 14, 2015	-2.88	-2.39	-0.57	3,148.8	27	18	2	0.0
April 22, 2015	-2.89	-2.48	-0.58	3,340.4	27	18	2	0.0
May 5, 2015	-2.72	-2.23	-0.61	3,651.1	27	19	2	0.0
May 11, 2015	-2.61	-2.18	-0.51	3,796.6	27	19	2	0.0
May 27, 2015	-2.59	-2.16	-0.57	4,178.4	27	19	2	0.0
June 2, 2015	-2.7	-2.28	-0.68	4,323.1	28	18	2	0.0
June 9, 2015	-2.72	-2.12	-0.57	4,492.1	28	18	2	--
July 29, 2015	-2.48	-2.02	-0.66	5,502.1	27	19	2	0.0
August 6, 2015	-2.45	-1.95	-0.56	5,698.0	27	18	2	0.0
September 11, 2015	-2.88	-2.34	-0.52	6,559.7	27	19	2	0.0
December 31, 2015	-2.94	-2.52	-0.64	9,226.1	27	19	2	0.0
January 21, 2016	-2.68	-2.24	-0.56	9,727.9	27	19	2	0.2
March 22, 2016	-2.79	-2.33	-0.62	11,192.6	27	19	2	0.1
April 22, 2016	-2.68	-2.17	-0.57	11,836.2	27	18	2	0.0
May 27, 2016	-2.72	-2.14	-0.63	12,482.2	27	18	2	0.0
June 21, 2016	-2.65	-2.26	-0.59	13,373.5	27	19	2	0.0
March 22, 2017	-2.71	-2.21	-0.61	--	28	18	2	0.0
May 5, 2017	-2.96	-2.55	-0.59	--	27	19	2	0.0
July 21, 2017	-2.62	-2.14	-0.68	22,856.7	25	18	2	0.0
December 13, 2017	-2.59	-2.17	-0.53	26,335.8	25	18	2	0.0
February 12, 2018	-2.52	--	-0.54	--	25	18	2	0.0
May 15, 2018	-2.70	-2.24	-0.52	30,007.3	-26	-18	2	0.0
August 16, 2018	-2.51	-2.06	-0.60	32,115.6	-27	-19	2	0.0
October 3, 2018	-2.29	-2.69	-0.58	33,329.5	-27	-18	2	0.1
January 16, 2019	-2.57	-2.14	-0.53	35,849.1	-27	-18	2	0.0
April 5, 2019	-2.49	-1.99	-0.56	37,741.0	-27	-18	2	0.0
August 2, 2019	-2.68	-2.34	-0.54	40,573.2	-27	-18	2	0.0
December 23, 2019	-2.26	-1.77	-0.53	44,034.1	-25	-15	2	0.0
March 31, 2020	-2.39	-1.77	-0.45	46,406.5	-23	-16	2	0.0
June 17, 2020	-2.15	-1.75	-0.61	48,278.5	-25	-16	3	0.0
September 16, 2020	-2.06	-1.52	-0.53	50,461.1	-25	-10	2	0.0
December 8, 2020	-1.45	-1.82	-0.83	52,457.5	-25	-15	2	0.0
December 9, 2020	-1.45	-1.80	-0.85	52,482.0	-21	-10	2	0.0
December 15, 2020	--	--	--	52,482.0	--	--	2	--
March 29, 2021	-1.91	-1.65	-0.94	55,113.9	-20	-10	10	0.0
June 30, 2021	-1.37	-1.74	-0.83	57,346.4	-21	-10	10	0.0
September 30, 2021	-1.69	-1.35	-0.92	59,554.1	-20	-10	10	0.0
December 28, 2021	-1.75	-1.40	-0.88	61,691.3	-20	-10	10	0.0
March 24, 2022	-2.10	-1.69	-0.93	63,753.9	-20	-10	10	0.0
June 30, 2022	-2.05	-1.62	-0.90	66,106.9	-20	-10	10	0.0
December 16, 2022	-2.06	-1.55	-0.96	70,164.8	-21	-10	10	0.0
January 25, 2023	-1.76	-1.38	-0.77	71,123.40	-19	-11	10	0.0
June 30, 2023	-1.5	-1.21	-0.96	74,865.60	-22	-10	10	0.0
September 27, 2023	-1.72	-1.3	-0.92	77,001.20	-20	-10	10	0.0
November 13, 2023	-1.55	-1.18	-0.82	78,129.7	-20	-11	10	0.0
January 25, 2024	-1.45	-1.81	-0.89	79,882.6	-21	-10	10	0.0
April 11, 2024	-1.89	-1.54	-0.67	81,730.60	-21	-10	10	0.1
July 17, 2024	-1.65	-1.22	-0.29	84,057.30	-20	-11	10	0.0
November 7, 2024	-1.54	-1.1	-0.59	89,769.9	-20	-11	9	0.0
January 23, 2025	-1.61	-1.32	-0.84	88,617.80	-21	-12	10	0

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room

Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room

Garage Blower: Rotron EN809 15Hp, located in garage blower room

Zone 1: SSDS Green Line, Blower 2

Zone 2: SSDS Purple Line, Blower 2

Zone 3: SSDS Orange Line, Blower 2

Zone 4: SSDS Red Line, Blower 1

Zone 5: SSDS Blue Line, Blower 1

Perm. E.: SSDS Perimeter East Line, Garage Blower

Perm. W.: SSDS Perimeter West Line, Garage Blower

Garage: SSDS Garage Line, Garage Blower

Influent: Blower Influent Vacuum Gauge

K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge

Effluent: Blower Effluent Pressure Gauge

PID: Photoionization Detector

in. w.c.: inches of water column

ppm: parts per million

--: measurement was not collected

¹In July 2024 NYSDC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report. Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.
²The digital gauges used to monitor the SSDS legs for the Per. E, Perm. W, and Garage zones display vacuum (and thus a positive number when reading the gauge). However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	SSDS Monitoring Points													Garage & Perimeter			
	Factory Building																
	MP1-1 (in. w.c.)	MP1-2 (in. w.c.)	MP2-1 (in. w.c.)	MP2-2 (in. w.c.)	MP3-1 (in. w.c.)	MP3-2 (in. w.c.)	MP4-1 (in. w.c.)	MP4-2 (in. w.c.)	MP5-1 (in. w.c.)	MP5-2 (in. w.c.)	MP6-1 (in. w.c.)	MP6-2 (in. w.c.)	MP6-3 (in. w.c.)	MP7-1 (in. w.c.)			
June 9, 2015	N/A	-0.03	0.000	-0.367	-0.11	N/A	-0.007	-1.155	-0.017	-0.01	-0.164	-0.084	N/A	-1.978			
July 29, 2015	-0.042	-0.042	-0.009	-0.135	-0.034	-0.019	N/A	-1.178	N/A	-0.012	-0.129	-0.094	-0.038	-1.838			
August 6, 2015	-0.119	-0.041	-0.009	-0.386	-0.032	-0.008	-0.030	-1.168	-0.021	-0.118	-0.131	-0.092	-0.039	-1.808			
September 11, 2015	-0.111	-0.049	-0.008	-0.393	-0.035	-0.010	-0.035	-1.177	-0.019	-0.120	-0.129	-0.040	-0.090	-1.799			
December 31, 2015	-0.123	-0.031	-0.008	N/A	-0.024	-0.010	-0.025	-0.991	-0.008	-0.189	-0.124	-0.266	-0.011	-2.259			
January 21, 2016	-0.112	-0.020	-0.008	N/A	-0.013	-0.013	-0.023	-0.915	-0.021	-0.278	-0.105	-0.230	-0.066	-1.963			
March 22, 2016	-0.104	-0.024	-0.007	-0.025	-0.023	-0.014	-0.020	-0.891	-0.011	-0.375	-0.114	-0.252	-0.075	-2.112			
April 22, 2016	-0.155	-0.026	-0.004	-0.759	-0.015	-0.012	-0.017	-0.898	-0.017	-0.098	-0.117	-0.258	-0.076	-5.733			
May 27, 2016	-0.109	-0.034	-0.006	-0.549	-0.021	-0.010	-0.025	-0.912	-0.022	-0.205	-0.131	-0.267	-0.081	-2.064			
June 21, 2016	-0.122	-0.030	-0.009	-0.261	-0.019	-0.012	-0.022	-0.940	-0.014	-0.240	-0.128	-0.289	-0.086	-2.021			
March 22, 2017	-0.087	0.019	-0.021	-0.219	-0.007	-0.010	-0.014	-0.847	-0.004	-0.401	-0.125	-0.246	-0.083	-2.014			
May 5, 2017	-0.101	-0.021	-0.006	-0.205	-0.005	-0.011	-0.019	-0.889	-0.026	-0.071	-0.191	-0.254	N/A	-2.309			
July 21, 2017	-0.118	-0.036	-0.012	-0.236	-0.007	-0.014	-0.020	-0.938	-0.008	-0.101	-0.128	-0.244	-0.082	-1.944			
December 13, 2017	-0.086	-0.022	-0.006	-0.194	-0.011	-0.011	-0.016	-0.877	-0.012	-0.329	-0.129	-0.248	-0.080	-1.933			
February 12, 2018	-0.118	-0.040	-0.009	-0.089	-0.031	-0.010	-0.032	-1.155	-0.027	-0.118	-0.134	-0.035	-0.091	-1.808			
May 15, 2018	-0.104	-0.023	-0.009	-0.195	-0.008	-0.014	-0.019	-0.883	-0.012	-0.015	-0.129	-1.950	-0.080	-2.080			
August 16, 2018	-0.110	-0.032	-0.005	-0.229	-0.007	-0.009	-0.023	-0.937	-0.011	-0.010	-0.127	-0.222	-0.085	-1.883			
October 3, 2018	-0.109	-0.028	-0.006	-0.253	-0.008	-0.010	-0.044	-0.927	-0.010	-0.010	-0.124	-0.244	-0.078	-2.123			
January 16, 2019	-0.121	-0.022	-0.009	-0.180	-0.008	-0.009	-0.019	-0.860	-0.012	-0.119	-0.128	-0.235	-0.095	-1.969			
April 5, 2019	-0.119	-0.020	-0.004	-0.191	-0.007	-0.010	-0.015	-0.850	-0.004	-0.008	-0.109	-0.228	-0.068	-1.845			
August 2, 2019	-0.108	-0.022	-0.006	-0.196	-0.008	-0.010	-0.022	-0.910	-0.009	-0.008	-0.120	-0.221	-0.082	-2.070			
December 23, 2019	-0.119	-0.025	-0.007	-0.182	-0.007	-0.012	-0.019	0.854	-0.010	-0.006	-0.112	-0.192	-0.068	-1.745			
March 31, 2020	-0.135	-0.026	-0.008	-0.190	-0.006	-0.009	-0.023	-0.852	-0.010	-0.007	-0.115	-0.192	-0.073	-1.871			
June 17, 2020	-0.109	-0.024	-0.008	-0.214	-0.008	-0.013	-0.020	-0.904	-0.011	-0.011	-0.112	-0.201	-0.081	-1.591			
September 16, 2020	-0.105	-0.021	-0.020	-0.210	-0.010	-0.010	-0.040	-0.922	-0.013	-0.009	-0.118	-0.190	-0.104	-1.370			
December 8, 2020	--	-0.022	-0.005	-0.214	-0.007	-0.007	-0.016	-0.872	-0.010	-0.014	-0.161	-0.258	--	-1.371			
December 9, 2020	--	-0.030	-0.013	-0.331	-0.015	-0.012	-0.013	-0.504	-0.023	-0.011	-0.162	-0.252	-0.103	-1.335			
December 15, 2020	-0.147	--	--	--	--	--	--	--	--	--	--	--	--	--			
March 29, 2021	-0.167	-0.028	-0.066	-0.298	-0.010	-0.011	-0.012	-0.459	-0.021	-0.009	-0.156	-0.231	-0.120	-1.392			
June 30, 2021	-0.159	-0.032	-0.059	-0.303	-0.011	-0.013	-0.012	-0.472	-0.024	-0.008	-0.149	-0.241	-0.117	-1.399			
September 30, 2021	-0.144	-0.032	-0.065	-0.314	-0.013	-0.012	-0.011	-0.489	-0.029	-0.008	-0.152	-0.233	-0.121	-1.389			
December 28, 2021	-0.136	-0.037	-0.061	-0.285	-0.015	-0.013	-0.012	-0.482	-0.025	-0.009	-0.150	-0.227	-0.126	-1.390			
March 24, 2022	-0.148	-0.039	-0.058	-0.278	-0.017	-0.015	-0.013	-0.411	-0.021	-0.009	-0.179	-0.254	-0.127	-1.407			
June 30, 2022	-0.144	-0.034	-0.056	-0.272	-0.016	-0.013	-0.012	-0.428	-0.024	-0.009	-0.168	-0.232	-0.122	-1.398			
December 16, 2022	-0.145	-0.026	-0.005	-0.335	-0.005	-0.012	-0.006	-0.500	-0.009	-0.010	-0.220	-0.220	-0.121	-1.420			
January 25, 2023	-0.145	-0.031	-0.006	-0.332	-0.005	-0.007	-0.012	-0.504	-0.006	-0.016	-0.153	-0.215	-0.11	-1.287			
June 30, 2023	-0.150	-0.028	-0.005	-0.330	-0.007	-0.008	-0.010	-0.489	-0.007	-0.012	-0.202	-0.217	-0.162	-1.201			
September 27, 2023	-0.139	-0.037	-0.021	-0.297	-0.016	-0.018	-0.013	-0.445	-0.020	-0.010	-0.166	-0.240	-0.171	-1.481			
November 13, 2023	-0.148	-0.031	0.000 ²	-0.367	-0.004	-0.020	-0.011	-0.513	-0.008	-0.005	-0.159	-0.219	-0.104	-1.046			
January 25, 2024	-0.148	-0.029	-0.008	-0.322	-0.005	-0.025	-0.019	-0.491	-0.015	-0.005	-0.172	-0.204	-0.098	-1.127			
April 11, 2024	-0.154	-0.023	-0.006	-0.342	-0.003 ³	-0.008	-0.012	-0.494	-0.005	-0.004	-0.182	-0.211	-0.107	-0.144			
July 17, 2024	-0.182	-0.036	-0.009	-1.356	-0.009	-0.009	-0.019	-0.535	-0.009	-0.009	-0.166	-0.246	-0.137	-1.126			
November 7, 2024	-0.164	-0.032	-0.006	-0.395	-0.004	-0.009	-0.016	-0.521	-0.011	-0.006	-0.172	-0.261	-0.145	-1.130			
January 23, 2025	-0.179	-0.040	-0.010	-0.421	-0.009	-0.008	-0.021	-0.513	-0.014	-0.005	-0.160	-0.239	-0.139	-1.128			

Notes:
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Zone 6: SSDS Garage Line, Garage Blower
 Zone 7: SSDS Perimeter East/West Line, Garage Blower
 MP2-1 installed incorrectly. Corrected on July 7, 2015
 N/A: measurement was not collected, point inaccessible

¹In July 2024 NYSDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report.

Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.

²On November 13, 2023, the reading at MP2-1 was 0.000 in. wc. All readings before November 2023 met the maximum pressure of -0.004 in. wc. Furthermore, the Pressure reading at MP2-1 on January 25, 2024 was -0.006 in. w.c, which meets the maximum requirement. The reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

³On April 11, 2024, the reading at MP3-1 was -0.003 in. wc. All readings before April 2024 met the minimum pressure of -0.004 in. wc. The reading at MP3-1 in April 2024 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

Table 2. Summary of Volatile Organic Compounds in Soil Vapor, 15 Church Street, Sag Harbor, New York

Sample Designation:		FB_EFF_1	FB_EFF_1	FB_EFF_1	FB_EFF_2	FB_EFF_2	FB_EFF_2	FB_EFF_2	GAR_EFF	GAR_EFF
Sample Date:		12/23/2019	12/09/2020	07/17/2024	12/23/2019	12/09/2020	06/30/2023	07/17/2024	12/23/2019	12/09/2020
Parameters	Units									
1,1,1-Trichloroethane (TCA)	UG/M3	1.09 U	1.44	1.1 UJ	1.61	1.28	1.1 U	0.31 J-	1.09 U	1.09 U
1,1,2,2-Tetrachloroethane	UG/M3	1.37 U	1.37 U	1.4 UJ	1.37 U	1.37 U	1.4 U	1.4 R	1.37 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.53 U	1.53 U	1.5 UJ	1.53 U	1.53 U	0.42 J	1.5 R	1.53 U	1.53 U
1,1,2-Trichloroethane	UG/M3	1.09 U	1.09 U	1.1 UJ	1.09 U	1.09 U	1.1 U	1.1 R	1.09 U	1.09 U
1,1-Dichloroethane	UG/M3	0.809 U	0.809 U	0.81 UJ	0.809 U	0.809 U	0.81 U	0.81 R	0.809 U	0.809 U
1,1-Dichloroethene	UG/M3	0.793 U	0.793 U	0.2 UJ	0.793 U	0.793 U	0.2 U	0.2 R	0.793 U	0.793 U
1,2,4-Trichlorobenzene	UG/M3	1.48 U	1.48 U	3.7 UJ	1.48 U	1.48 U	3.7 U	3.7 R	1.48 U	1.48 U
1,2,4-Trimethylbenzene	UG/M3	0.983 U	0.983 U	0.98 UJ	0.988	0.983 U	0.93 J	1.4 J-	0.983 U	0.983 U
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.54 U	1.54 U	1.5 UJ	1.54 U	1.54 U	1.5 U	1.5 R	1.54 U	1.54 U
1,2-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 R	1.2 U	1.2 U
1,2-Dichloroethane	UG/M3	0.809 U	0.809 U	0.81 UJ	0.809 U	0.809 U	0.81 U	0.81 R	0.809 U	0.809 U
1,2-Dichloropropane	UG/M3	0.924 U	0.924 U	0.92 UJ	0.924 U	0.924 U	0.92 U	0.92 R	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	1.4 U	1.4 UJ	1.4 U	1.4 U	1.4 U	1.4 R	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.983 U	0.983 U	0.98 UJ	0.983 U	0.983 U	0.98 U	0.34 J-	0.983 U	0.983 U
1,3-Butadiene	UG/M3	0.442 U	0.442 U	0.44 UJ	0.442 U	0.442 U	0.19 J	0.16 J-	0.442 U	0.442 U
1,3-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 R	1.2 U	1.2 U
1,4-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 UJ	1.2 U	1.2 U	1.2 U	1.2 R	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	UG/M3	0.721 U	0.721 U	18 UJ	0.721 U	0.721 U	18 U	18 R	0.721 U	0.721 U
2,2,4-Trimethylpentane	UG/M3	0.934 U	0.934 U	0.62 J-	1.56	0.934 U	0.96	2 J-	0.934 U	0.934 U
2-Chlorotoluene	UG/M3	NA	NA	1 UJ	NA	NA	1 U	1 R	NA	NA
2-Hexanone	UG/M3	0.82 U	0.82 U	2 UJ	0.82 U	0.82 U	2 U	2 R	0.82 U	0.82 U
4-Ethyltoluene	UG/M3	0.983 U	0.983 U	0.98 UJ	0.983 U	0.983 U	0.98 U	0.32 J-	0.983 U	0.983 U
Acetone	UG/M3	15	17.7	32 J-	13.6	10.3	36	110 J-	2.38 U	3.71
Allyl Chloride (3-Chloropropene)	UG/M3	0.626 U	0.626 U	1.6 UJ	0.626 U	0.626 U	1.6 U	1.6 R	0.626 U	0.626 U
Benzene	UG/M3	0.811	0.639 U	5.9 J-	1.11	0.674	1.6	6.2 J-	0.639 U	0.639 U
Benzyl Chloride	UG/M3	1.04 U	1.04 U	1 UJ	1.04 U	1.04 U	1 U	1 R	1.04 U	1.04 U
Bromodichloromethane	UG/M3	1.34 U	1.34 U	1.3 UJ	1.34 U	1.34 U	1.3 U	1.3 R	1.34 U	1.34 U
Bromoform	UG/M3	2.07 U	2.07 U	2.1 UJ	2.07 U	2.07 U	2.1 U	2.1 R	2.07 U	2.07 U
Bromomethane	UG/M3	0.777 U	0.777 U	0.78 UJ	0.777 U	0.777 U	0.78 U	0.78 R	0.777 U	0.777 U
Butane	UG/M3	NA	NA	21 J-	NA	NA	6.5	56 J-	NA	NA
Carbon Disulfide	UG/M3	0.623 U	0.623 U	0.87 J-	0.623 U	0.623 U	0.75 J	1.7 J-	0.623 U	0.623 U
Carbon Tetrachloride	UG/M3	1.26 U	1.26 U	0.28 J-	1.26 U	1.32	0.36	0.51 J-	1.26	1.26 U
Chlorobenzene	UG/M3	0.921 U	0.921 U	0.92 UJ	0.921 U	0.921 U	0.92 U	0.92 R	0.921 U	0.921 U
Chlorodifluoromethane	UG/M3	NA	NA	2.3 J-	NA	NA	2.2	1.1 J-	NA	NA
Chloroethane	UG/M3	0.528 U	0.528 U	1.3 UJ	0.528 U	0.528 U	1.3 U	1.3 R	0.528 U	0.528 U
Chloroform	UG/M3	1.29	1.29	0.98 UJ	1.68	0.977 U	0.3 J	0.88 J-	1.53	2.29
Chloromethane	UG/M3	0.717	0.805	1.4 J-	0.638	0.688	1.3	1.3 J-	0.413 U	0.413 U
Cis-1,2-Dichloroethylene	UG/M3	0.793 U	8.41	0.2 UJ	6.66	0.793 U	0.2 U	0.2 R	0.793 U	0.793 U

Table 2. Summary of Volatile Organic Compounds in Soil Vapor, 15 Church Street, Sag Harbor, New York

Sample Designation:		FB_EFF_1	FB_EFF_1	FB_EFF_1	FB_EFF_2	FB_EFF_2	FB_EFF_2	FB_EFF_2	GAR_EFF	GAR_EFF
Sample Date:		12/23/2019	12/09/2020	07/17/2024	12/23/2019	12/09/2020	06/30/2023	07/17/2024	12/23/2019	12/09/2020
Parameters	Units									
Cis-1,3-Dichloropropene	UG/M3	0.908 U	0.908 U	0.91 UJ	0.908 U	0.908 U	0.91 U	0.91 R	0.908 U	0.908 U
Cyclohexane	UG/M3	0.688 U	0.688 U	0.36 J-	0.688 U	0.688 U	1.6	0.59 J-	0.688 U	0.688 U
Cymene	UG/M3	NA	NA	1.1 UJ	NA	NA	0.39 J	1.1 R	NA	NA
Dibromochloromethane	UG/M3	1.7 U	1.7 U	1.7 UJ	1.7 U	1.7 U	1.7 U	1.7 R	1.7 U	1.7 U
Dichlorodifluoromethane	UG/M3	2.41	2.2	2.2 J-	2.38	2.04	2.4 J	2 J-	2.41	2.06
Ethanol	UG/M3	54.5	130	NA	64.6	52.6	NA	NA	9.42 U	11.9
Ethyl Acetate	UG/M3	1.8 U	1.8 U	NA	1.8 U	1.8 U	NA	NA	1.8 U	1.8 U
Ethylbenzene	UG/M3	0.869 U	0.869 U	0.56 J-	0.938	0.869 U	2	1.7 J-	0.869 U	0.869 U
Hexachlorobutadiene	UG/M3	2.13 U	2.13 U	2.1 UJ	2.13 U	2.13 U	2.1 U	2.1 R	2.13 U	2.13 U
Isopropanol	UG/M3	3.59	3.49	9.1 J-	2.2	2.9	61	29 J-	1.23 U	1.23 U
Isopropylbenzene (Cumene)	UG/M3	NA	NA	0.98 UJ	NA	NA	0.98 U	0.39 J-	NA	NA
m,p-Xylene	UG/M3	1.84	2.17	1.2 J-	5	1.74 U	6.5	6.2 J-	2.14	1.86
Methyl Ethyl Ketone (2-Butanone)	UG/M3	1.72	2.24	2 J-	1.91	1.55	3	5.2 J-	1.47 U	1.47 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2.05 U	2.05 U	1 J-	2.05 U	2.05 U	2 U	3.7 J-	2.05 U	2.29
Methyl Methacrylate	UG/M3	NA	NA	2 UJ	NA	NA	0.64 J	2 R	NA	NA
Methylene Chloride	UG/M3	1.74 U	1.74 U	12 J-	1.74 U	1.74 U	1.6 J	12 J-	1.74 U	2.26
Naphthalene	UG/M3	NA	NA	2 UJ	NA	NA	2.6 U	4.5 J-	NA	NA
N-Butylbenzene	UG/M3	NA	NA	1.1 UJ	NA	NA	1.1 U	1.1 R	NA	NA
N-Heptane	UG/M3	0.82 U	0.82 U	1.3 J-	1.31	0.82 U	1.8	2.3 J-	0.82 U	0.82 U
N-Hexane	UG/M3	0.878	4.72	1.2 J-	1.71	1.82	1.4 J	1.8 J-	0.705 U	5.43
N-Propylbenzene	UG/M3	NA	NA	0.98 UJ	NA	NA	0.98 U	0.36 J-	NA	NA
O-Xylene (1,2-Dimethylbenzene)	UG/M3	0.869 U	0.869 U	0.46 J-	1.44	0.869 U	2.8	2.2 J-	0.869 U	0.869 U
Sec-Butylbenzene	UG/M3	NA	NA	1.1 UJ	NA	NA	1.1 U	0.41 J-	NA	NA
Styrene	UG/M3	0.852 U	0.852 U	0.85 UJ	0.852 U	0.852 U	0.69 J	0.72 J-	0.852 U	0.852 U
T-Butylbenzene	UG/M3	NA	NA	1.1 UJ	NA	NA	1.1 U	1.1 R	NA	NA
Tert-Butyl Alcohol	UG/M3	1.52 U	1.52 U	15 UJ	1.52 U	1.52 U	15 U	4.3 J-	1.52 U	1.52 U
Tert-Butyl Methyl Ether	UG/M3	0.721 U	0.721 U	0.72 UJ	0.721 U	0.721 U	0.17 J	0.72 R	0.721 U	0.721 U
Tetrachloroethylene (PCE)	UG/M3	1.36 U	1.8	1.4 UJ	5.28	9.02	1.1 J	0.21 J-	1.67	1.36 U
Tetrahydrofuran	UG/M3	1.47 U	1.47 U	15 UJ	1.47 U	1.47 U	15 U	15 R	1.47 U	1.47 U
Toluene	UG/M3	1.74	2.12	19 J-	2.43	2.18	12	30 J-	1.09	4.18
Trans-1,2-Dichloroethene	UG/M3	0.793 U	0.793 U	0.79 UJ	0.793 U	0.793 U	0.23 J	0.79 R	0.793 U	0.793 U
Trans-1,3-Dichloropropene	UG/M3	0.908 U	0.908 U	0.91 UJ	0.908 U	0.908 U	0.91 U	0.91 R	0.908 U	0.908 U
Trichloroethylene (TCE)	UG/M3	12.4	58	0.2 UJ	120	152	0.2 U	18 J-	55.9	42.2
Trichlorofluoromethane	UG/M3	1.51	1.2	1.1 J-	1.49	1.12 U	1.2	1.1 J-	1.51	1.17
Vinyl Bromide	UG/M3	0.874 U	0.874 U	0.87 UJ	0.874 U	0.874 U	0.87 U	0.87 R	0.874 U	0.874 U
Vinyl Chloride	UG/M3	0.511 U	0.511 U	0.2 UJ	0.511 U	0.511 U	0.2 U	0.2 R	0.511 U	0.511 U

Table 2. Summary of Volatile Organic Compounds in Soil Vapor, 15 Church Street, Sag Harbor, New York

Sample Designation:		GAR EFF	GAR EFF
Sample Date:		06/30/2023	07/17/2024
Parameters	Units		
1,1,1-Trichloroethane (TCA)	UG/M3	0.31 J	1.1 U
1,1,2,2-Tetrachloroethane	UG/M3	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	0.44 J	0.41 J
1,1,2-Trichloroethane	UG/M3	1.1 U	1.1
1,1-Dichloroethane	UG/M3	0.81 U	0.81 U
1,1-Dichloroethene	UG/M3	0.2 U	0.2 U
1,2,4-Trichlorobenzene	UG/M3	3.7 U	3.7 U
1,2,4-Trimethylbenzene	UG/M3	0.94 J	4.7
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.5 U	1.5 U
1,2-Dichlorobenzene	UG/M3	1.2 U	1.2 U
1,2-Dichloroethane	UG/M3	0.81 U	0.81 U
1,2-Dichloropropane	UG/M3	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	0.98 U	1.6
1,3-Butadiene	UG/M3	0.44 U	0.15 J
1,3-Dichlorobenzene	UG/M3	1.2 U	1.2 U
1,4-Dichlorobenzene	UG/M3	1.2 U	0.8 J
1,4-Dioxane (P-Dioxane)	UG/M3	18 U	18 U
2,2,4-Trimethylpentane	UG/M3	0.98	25
2-Chlorotoluene	UG/M3	1 U	1 U
2-Hexanone	UG/M3	2 U	2 U
4-Ethyltoluene	UG/M3	0.98 U	1.3
Acetone	UG/M3	9.4 J	32
Allyl Chloride (3-Chloropropene)	UG/M3	1.6 U	1.6 U
Benzene	UG/M3	0.75	5.2
Benzyl Chloride	UG/M3	1 U	1 U
Bromodichloromethane	UG/M3	1.3 U	1.3 U
Bromoform	UG/M3	2.1 U	2.1 U
Bromomethane	UG/M3	0.78 U	0.78 U
Butane	UG/M3	3.6	13
Carbon Disulfide	UG/M3	0.45 J	2.4
Carbon Tetrachloride	UG/M3	1.4	0.8
Chlorobenzene	UG/M3	0.92 U	0.33 J
Chlorodifluoromethane	UG/M3	0.92 J	2
Chloroethane	UG/M3	1.3 U	1.3 U
Chloroform	UG/M3	2.2	4.4
Chloromethane	UG/M3	0.5 J	0.78 J
Cis-1,2-Dichloroethylene	UG/M3	0.77	0.53

Table 2. Summary of Volatile Organic Compounds in Soil Vapor, 15 Church Street, Sag Harbor, New York

Sample Designation:		GAR EFF	GAR EFF
Sample Date:		06/30/2023	07/17/2024
Parameters	Units		
Cis-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U
Cyclohexane	UG/M3	0.69 U	4.1
Cymene	UG/M3	1.1 U	3.9
Dibromochloromethane	UG/M3	1.7 U	1.7 U
Dichlorodifluoromethane	UG/M3	2.2 J	2.5
Ethanol	UG/M3	NA	NA
Ethyl Acetate	UG/M3	NA	NA
Ethylbenzene	UG/M3	0.37 J	8.9
Hexachlorobutadiene	UG/M3	2.1 U	2.1 U
Isopropanol	UG/M3	12 U	21
Isopropylbenzene (Cumene)	UG/M3	0.98 U	2.5
m,p-Xylene	UG/M3	1.2 J	19
Methyl Ethyl Ketone (2-Butanone)	UG/M3	1.5 U	2.9
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2 U	4.3
Methyl Methacrylate	UG/M3	2 U	2 U
Methylene Chloride	UG/M3	1.7 U	8.8
Naphthalene	UG/M3	2.6 U	2 U
N-Butylbenzene	UG/M3	1.1 U	1.1 U
N-Heptane	UG/M3	0.35 J	10
N-Hexane	UG/M3	0.4 J	8.3
N-Propylbenzene	UG/M3	0.98 U	1.3
O-Xylene (1,2-Dimethylbenzene)	UG/M3	0.44 J	8.2
Sec-Butylbenzene	UG/M3	1.1 U	0.33 J
Styrene	UG/M3	0.85 U	1.4
T-Butylbenzene	UG/M3	1.1 U	1.1 U
Tert-Butyl Alcohol	UG/M3	15 U	15
Tert-Butyl Methyl Ether	UG/M3	0.72 U	0.72 U
Tetrachloroethylene (PCE)	UG/M3	3	0.25 J
Tetrahydrofuran	UG/M3	15 U	15 U
Toluene	UG/M3	2.1	22
Trans-1,2-Dichloroethene	UG/M3	0.79 U	0.79 U
Trans-1,3-Dichloropropene	UG/M3	0.91 U	0.91 U
Trichloroethylene (TCE)	UG/M3	78	9.8
Trichlorofluoromethane	UG/M3	1.1	1.4
Vinyl Bromide	UG/M3	0.87 U	0.87 U
Vinyl Chloride	UG/M3	0.2 U	0.2 U

Table 3. Summary of Emerging Contaminants in Groundwater, 15 Church Street, Sag Harbor, New York

Sample Designation:			MW-2	MW-2	MW-2	MW-2	MW-2	MW-2	MW-11 N
Sample Date:			05/25/2018	06/17/2020	11/13/2023	11/13/2023	07/17/2024	07/17/2024	05/25/2018
Normal Sample or Field Duplicate:			N	N	N	FD	N	FD	N
Parameters	NYSDEC Ambient Water Quality Guidance Values	Units							
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.142 U	NA	NA	NA	NA	NA	0.144 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	17.8 U	18.1 U	14.6 U	15.1 U	NA
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	17.8 U	18.1 U	14.6 U	15.1 U	NA
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/L	1.78 U	1.76 U	3.57 U	3.61 U	1.46 U	1.51 U	1.78 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	NG/L	NA	NA	44.6 U	45.2 U	36.5 U	37.7 U	NA
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	NG/L	NA	NA	44.6 U	45.2 U	36.5 U	37.7 U	NA
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	NG/L	NA	NA	8.92 U	9.03 U	7.29 U	7.55 U	NA
N-ethyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	1.78 U	1.81 U	1.46 U	1.51 U	NA
N-ethyl perfluorooctanesulfonamidoacetic acid	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 U
N-methyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	1.78 U	1.81 U	1.46 U	1.51 U	NA
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	--	NG/L	NA	NA	3.57 U	3.61 U	2.92 U	3.02 U	NA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	--	NG/L	NA	NA	3.57 U	3.61 U	2.92 U	3.02 U	NA
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	NG/L	NA	NA	3.57 U	3.61 U	2.92 U	3.02 U	NA
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	NG/L	NA	NA	3.57 U	3.61 U	2.92 U	3.02 U	NA
Perfluorobutanesulfonic acid (PFBS)	--	NG/L	2.29	3.24	5.56	5.99	2.58	2.4	1.77 J
Perfluorobutanoic Acid	--	NG/L	141	5.95	18.3	17.4	9.69	9.77	5.34
Perfluorodecane Sulfonic Acid	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 U
Perfluorodecanoic acid (PFDA)	--	NG/L	7.7	4.31	18	17.4	5.06	5.17	1.92
Perfluorododecanoic acid (PFDoA)	--	NG/L	0.436 J	1.76 U	0.91 J	0.86 J	1.3 J	1.2 J	1.78 U
Perfluoroheptane Sulfonate (PFHPS)	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 U
Perfluoroheptanoic acid (PFHpA)	--	NG/L	13.4	6.71	20.8	19.4	12.1	12.3	7.12
Perfluorohexanesulfonic acid (PFHxS)	--	NG/L	1.78 U	1.76 U	0.75 J	0.7 J	0.48 J	0.44 J	0.357 J
Perfluorohexanoic acid (PFHxA)	--	NG/L	23.8	11.3	35.6	35.6	36.6	36	17.1
Perfluorononanesulfonic Acid (PFNS)	--	NG/L	NA	NA	1.78 U	1.81 U	1.46 U	1.51 U	NA
Perfluorononanoic acid (PFNA)	--	NG/L	4.78	4.34	12.1	11.7	7.91	7.62	4.07
Perfluorooctane Sulfonamide (FOSA)	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 R
Perfluorooctanesulfonic acid (PFOS)	2.7	NG/L	1.61 J+	2.15	4.84	4.57	2.29	2.5	17.5
Perfluorooctanoic acid (PFOA)	6.7	NG/L	20.3	15.8	28.8	27.6	22.3	21.6	19.6
Perfluoropentanesulfonic Acid (PFPeS)	--	NG/L	NA	NA	1.78 U	1.81 U	1.46 U	1.51 U	NA
Perfluoropentanoic Acid (PFPeA)	--	NG/L	17.4	11.8	53.3	48	40	40.7	17.4
Perfluorotetradecanoic acid (PFTA)	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 U
Perfluorotridecanoic Acid (PFTriA)	--	NG/L	1.78 U	1.76 U	1.78 U	1.81 U	1.46 U	1.51 U	1.78 U
Perfluoroundecanoic Acid (PFUnA)	--	NG/L	3.24	2.06	4.39	4.18	2.32	1.89	1.78 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/L	1.78 U	1.76 U	7.14 U	7.22 U	5.83 U	6.04 U	1.78 UJ
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/L	15.3 J	2.32	7.14 U	7.22 U	5.83 U	6.04 U	1.78 U
TOTAL PFOA AND PFOS	--	NG/L	NA	18	NA	NA	NA	NA	NA

Table 3. Summary of Emerging Contaminants in Groundwater, 15 Church Street, Sag Harbor, New York

Sample Designation:			MW-11 N	MW-11 N	MW-11 N	MW-11 N	WCF-3D	WCF-3D	WCF-3S
Sample Date:			05/25/2018	06/17/2020	06/17/2020	07/17/2024	06/17/2020	07/17/2024	07/17/2024
Normal Sample or Field Duplicate:			FD	N	FD	N	N	N	N
Parameters	NYSDEC Ambient Water Quality Guidance Values	Units							
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.144 U	NA	NA	NA	NA	NA	NA
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	NA	14.4 U	NA	14.9 U	15.4 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	NA	14.4 U	NA	14.9 U	15.4 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	1.76 U	1.49 U	1.54 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	NG/L	NA	NA	NA	35.9 U	NA	37.3 U	38.5 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	NG/L	NA	NA	NA	35.9 U	NA	37.3 U	38.5 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	NG/L	NA	NA	NA	7.18 U	NA	7.46 U	7.7 U
N-ethyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	NA	1.44 U	NA	1.49 U	1.54 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	1.76 U	1.49 U	1.54 U
N-methyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	NA	1.44 U	NA	1.49 U	1.54 U
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	--	NG/L	NA	NA	NA	2.87 U	NA	2.99 U	3.08 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	--	NG/L	NA	NA	NA	2.87 U	NA	2.99 U	3.08 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	NG/L	NA	NA	NA	2.87 U	NA	2.99 U	3.08 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	NG/L	NA	NA	NA	2.87 U	NA	2.99 U	3.08 U
Perfluorobutanesulfonic acid (PFBS)	--	NG/L	1.64 J	1.12 J	1.06 J	1.09 J	1.88	4.12	13.8
Perfluorobutanoic Acid	--	NG/L	5.32	8.57	8.2	5.54 J	16.6	11.3	10
Perfluorodecane Sulfonic Acid	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	1.76 U	1.49 U	1.54 U
Perfluorodecanoic acid (PFDA)	--	NG/L	1.52 J	1.48 J	1.63 J	2.05	41	9.31	1.54 U
Perfluorododecanoic acid (PFDoA)	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	1.52 J	1.37 J	1.54 U
Perfluoroheptane Sulfonate (PFHPS)	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	1.76 U	1.49 U	0.5 J
Perfluoroheptanoic acid (PFHpA)	--	NG/L	6.99	11	10.2	6.31	31.3	16.4	9.85
Perfluorohexanesulfonic acid (PFHxS)	--	NG/L	0.339 J	1.76 U	1.76 U	1.44 U	0.822 J	2.6	7.03
Perfluorohexanoic acid (PFHxA)	--	NG/L	17.4	20.9	20.7	12	59.9	35.4	32.1
Perfluorononanesulfonic Acid (PFNS)	--	NG/L	NA	NA	NA	1.44 U	NA	1.49 U	1.54 U
Perfluorononanoic acid (PFNA)	--	NG/L	3.67	2.87	2.84	4.68	16.5	8	3.71
Perfluorooctane Sulfonamide (FOSA)	--	NG/L	1.78 R	1.76 U	1.76 U	1.44 U	1.76 U	1.49 U	1.54 U
Perfluorooctanesulfonic acid (PFOS)	2.7	NG/L	17.3	12.9	12.5	10.5	8.88	7.97	26.9
Perfluorooctanoic acid (PFOA)	6.7	NG/L	19.8	33.4	31.9	20.3	67.6	28.7	33.8
Perfluoropentanesulfonic Acid (PFPeS)	--	NG/L	NA	NA	NA	1.44 U	NA	1.49 U	1.2 J
Perfluoropentanoic Acid (PFPeA)	--	NG/L	17.5	33.3	32.1	17.3	77.6	31.6	16.1
Perfluorotetradecanoic acid (PFTA)	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	0.289 J	1.49 U	1.54 U
Perfluorotridecanoic Acid (PFTriA)	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	0.307 J	1.49 U	1.54 U
Perfluoroundecanoic Acid (PFUnA)	--	NG/L	1.78 U	1.76 U	1.76 U	1.44 U	5.27	1.64	1.54 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/L	1.78 UJ	1.76 U	1.76 U	5.74 U	1.76 U	5.97 U	6.16 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/L	1.78 U	1.76 U	1.76 U	5.74 U	14.4	5.97 U	6.16 U
TOTAL PFOA AND PFOS	--	NG/L	NA	46.3	44.4	NA	76.5	NA	NA

Table 3. Summary of Emerging Contaminants in Groundwater, 15 Church Street, Sag Harbor, New York

Sample Designation:			WCF-10	WCF-10	WCF-10	WCF-10
Sample Date:			05/25/2018	06/17/2020	11/13/2023	07/17/2024
Normal Sample or Field Duplicate:			N	N	N	N
Parameters	NYSDEC Ambient Water Quality Guidance Values	Units				
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.144 U	NA	NA	NA
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	18 U	15.1 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	NG/L	NA	NA	18 U	15.1 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	NG/L	1.72 UJ	1.84 U	3.59 U	1.51 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	NG/L	NA	NA	44.9 U	37.8 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	NG/L	NA	NA	44.9 U	37.8 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	NG/L	NA	NA	8.98 U	7.56 U
N-ethyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	1.8 U	1.51 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	NG/L	1.72 UJ	1.84 U	1.8 U	1.51 U
N-methyl perfluoro-1-octanesulfonamide	--	NG/L	NA	NA	1.8 U	1.51 U
Nonafluoro-3,6-dioxahheptanoic acid (NFDHA)	--	NG/L	NA	NA	3.59 U	3.02 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	--	NG/L	NA	NA	3.59 U	3.02 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	NG/L	NA	NA	3.59 U	3.02 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	NG/L	NA	NA	3.59 U	3.02 U
Perfluorobutanesulfonic acid (PFBS)	--	NG/L	4.16	3.5	5.09	2.67
Perfluorobutanoic Acid	--	NG/L	42.6	10.5	13	8.42
Perfluorodecane Sulfonic Acid	--	NG/L	1.72 U	1.84 U	1.8 U	1.51 U
Perfluorodecanoic acid (PFDA)	--	NG/L	13.2	11.5	7.5	5.98
Perfluorododecanoic acid (PFDoA)	--	NG/L	1.72 U	1.84 U	2.2	0.53 J
Perfluoroheptane Sulfonate (PFHPS)	--	NG/L	1.72 U	1.84 U	1.8 U	1.51 U
Perfluoroheptanoic acid (PFHpA)	--	NG/L	42	14.1	14.7	10.5
Perfluorohexanesulfonic acid (PFHxS)	--	NG/L	1.29 J	4.93	1.03 J	0.91 J
Perfluorohexanoic acid (PFHxA)	--	NG/L	150	27.3	36.5	24.9
Perfluorononanesulfonic Acid (PFNS)	--	NG/L	NA	NA	1.8 U	1.51 U
Perfluorononanoic acid (PFNA)	--	NG/L	10.4	5.25	5.24	5.18
Perfluorooctane Sulfonamide (FOSA)	--	NG/L	1.72 UJ	1.84 U	1.8 U	1.51 U
Perfluorooctanesulfonic acid (PFOS)	2.7	NG/L	6.72 J+	50	2.43	8.46
Perfluorooctanoic acid (PFOA)	6.7	NG/L	69.2	31.7	25	19.8
Perfluoropentanesulfonic Acid (PFPeS)	--	NG/L	NA	NA	1.8 U	1.51 U
Perfluoropentanoic Acid (PFPeA)	--	NG/L	226	30	34.5	21.2
Perfluorotetradecanoic acid (PFTA)	--	NG/L	1.72 U	1.84 U	1.8 U	1.51 U
Perfluorotridecanoic Acid (PFTriA)	--	NG/L	1.72 U	1.84 U	1.8 U	1.51 U
Perfluoroundecanoic Acid (PFUnA)	--	NG/L	1.89	1.18 J	3.41	5.79
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	NG/L	1.72 U	1.84 U	7.18 U	6.05 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	NG/L	9.55	1.84 U	7.18 U	6.05 U
TOTAL PFOA AND PFOS	--	NG/L	NA	81.7	NA	NA

FIGURES

1. Site Location Map
2. Site Boundary and Soil Vapor and Groundwater Monitor Locations
3. PFAS Detections in Groundwater



QUADRANGLE LOCATION



SOURCE:
USGS; 1956, Greenport, NY
USGS; 1956, SAG Harbor, NY
7.5 Minute Topographic Quadrangles



0 2000'

Title:

SITE LOCATION MAP

SITE MANAGEMENT PLAN - SITE NO. 152139
FORMER BULOVA WATCHCASE FACILITY
SAG HARBOR, NEW YORK

Prepared for:

WATCHCASE FACTORY CONDOMINIUM

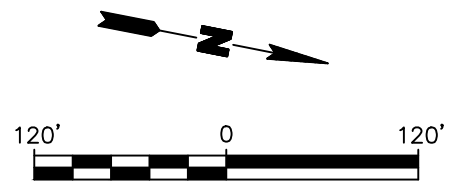
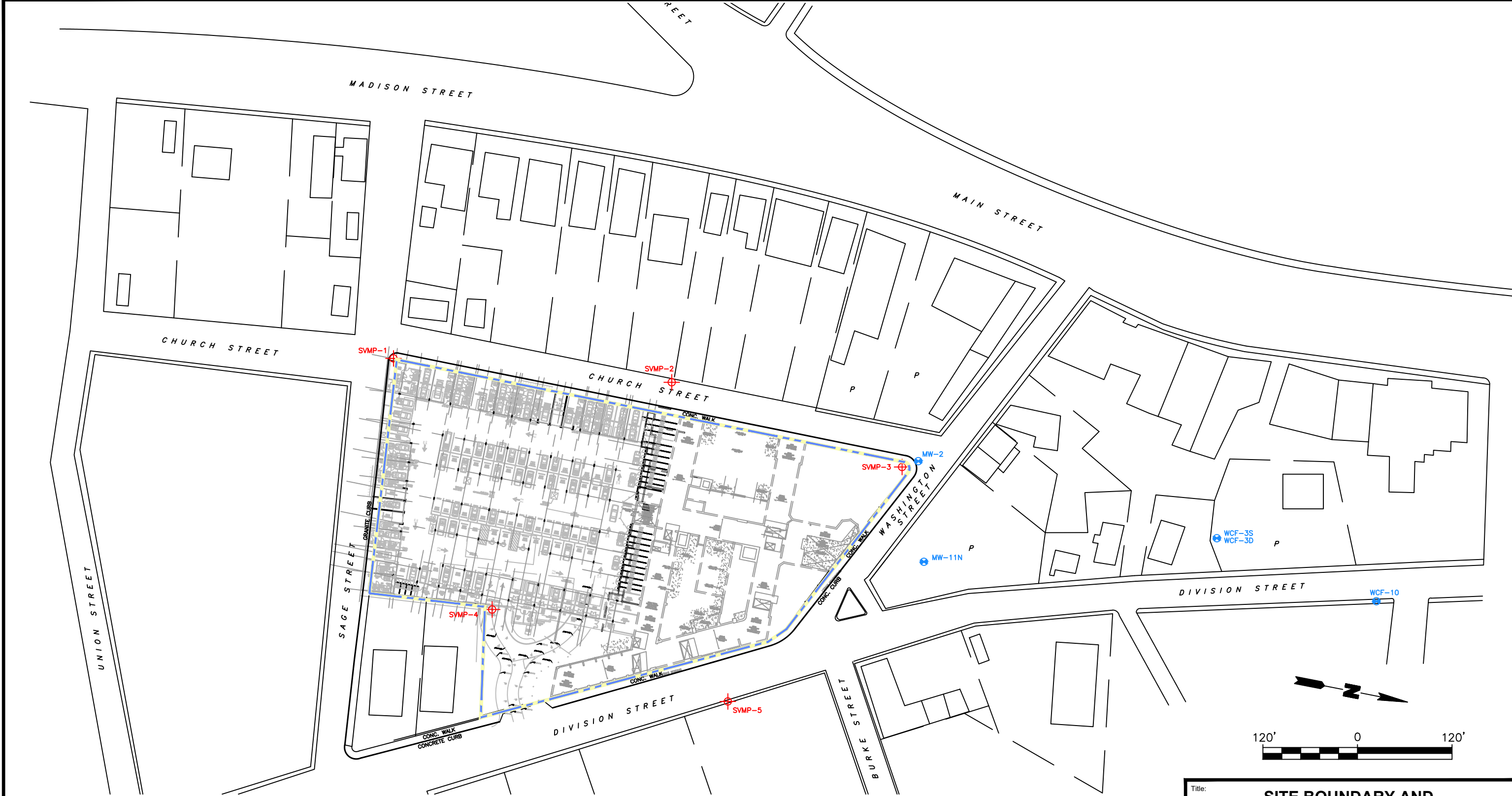
ROUX

Compiled by: R.F.	Date: 11JAN24
Prepared by: B.H.C.	Scale: AS SHOWN
Project Mgr: R.F.	Project: 2802.0001Y000
File: 2802.0001Y132.01.CDR	

FIGURE

1

V:\CAD\PROJECTS\2802\Y0001\Y132\2802.0001Y132.02.DWG



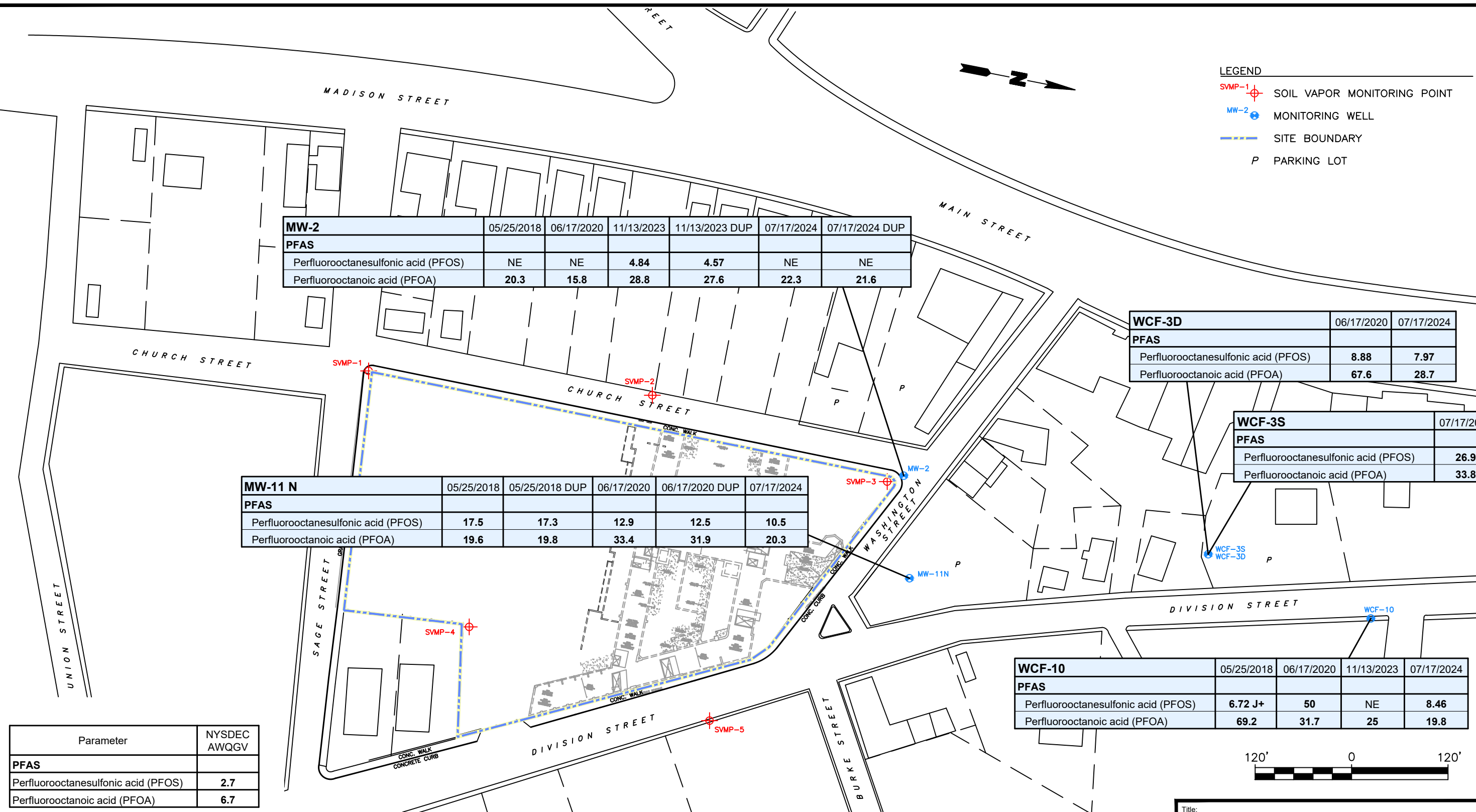
- LEGEND**
- SVMP-1 (red crosshair symbol) SOIL VAPOR MONITORING POINT
 - MW-2 (blue circle symbol) MONITORING WELL
 - (blue dashed line) SITE BOUNDARY
 - P PARKING LOT

SOURCE

YOUNG & YOUNG 400 OSTRANDER AVENUE,
RIVERHEAD, N.Y. DATE: APRIL 4, 1994

Site:			
SITE BOUNDARY AND SOIL VAPOR AND GROUNDWATER MONITOR LOCATIONS			
SITE MANAGEMENT PLAN - SITE NO. 152139 FORMER BULOVA WATCHCASE FACILITY SAG HARBOR, NEW YORK			
Prepared for:			
WATCHCASE FACTORY CONDOMINIUM			
	Compiled by: R.F.	Date: 09JAN24	FIGURE
	Prepared by: B.H.C.	Scale: AS SHOWN	
	Project Mgr: R.F.	Project: 2802.0001Y000	
	File: 2802.0001Y132.02.DWG		
			2

V:\CAD\PROJECTS\2802\Y0001\Y145\2802_0001\Y145.02.DWG



Concentrations in ng/L
ng/L - Nanograms per liter
NYSDEC - New York State Department of Environmental Conservation
AWQGVs - Ambient Water-Quality Guidance Values
DUP - Duplicate Sample
PFAS - Per- and Polyfluoroalkyl Substances
J+ - Estimated value, high bias
NE - No Exceedances
Bold data indicates that parameter exceeded the
NYSDEC January 2021 PFAS Guidance Values

TYPICAL DATA BOX INFORMATION			
SAMPLE ID#	WCF-3D		6/17/2020
	PFAS		
ANALYTES	Perfluorooctanesulfonic acid (PFOS)	8.88	CONCENTRATIONS (ng/L)
	Perfluorooctanoic acid (PFOA)	67.6	

BASE MAP SOURCE
YOUNG & YOUNG 400
OSTRANDER AVENUE, RIVERHEAD,
N.Y. DATE: APRIL 4, 1994

Title:

PFAS DETECTIONS IN GROUNDWATER

SITE MANAGEMENT PLAN - SITE NO. 152139
FORMER BULOVA WATCHCASE FACILITY
SAG HARBOR, NEW YORK

Prepared for:

WATCHCASE FACTORY CONDOMINIUM

Compiled by: R.F. Date: 17FEB25
Prepared by: B.H.C. Scale: AS SHOWN
Project Mgr: R.F. Project: 2802.0001Y000
File: 2802.0001Y145.02.DWG

FIGURE
3

APPENDICES

- A. Institutional and Engineering Controls Certification Form
- B. SSDS Vacuum Monitoring Summary Reports
- C. Analytical Results
- D. DUSRs for SSDS Effluent and Groundwater Results
- E. Annual Inspection Form
- F. Photo Log

APPENDIX A

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. **152139**

Site Name **Bulova Watch Factory**

Site Address: 15 Church Street Zip Code: 11963
City/Town: Sag Harbor
County: Suffolk
Site Acreage: 2.300

Reporting Period: January 31, 2024 to January 31, 2025

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? ☒ ☐
Restricted-Residential, Commercial, and 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

Description of Institutional ControlsParcelOwnerInstitutional Control**003-04-014**

The Board of Managers of the Watchcase

Ground Water Use Restriction

Soil Management Plan

Landuse Restriction

Building Use Restriction

Monitoring Plan

Site Management Plan

O&M Plan

IC/EC Plan

The environmental easement restricts future use of the Bulova Watch Factory Site to restricted residential, commercial or industrial uses. The environmental easement incorporates the site management plan (SMP) which sets forth the institutional and engineering controls required to be in place at the site. All site development plan activities must be performed in accordance with the SMP. The site may not be used for residential purposes. The use of groundwater is prohibited without prior approval from the Department. All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with SMP.

Box 4**Description of Engineering Controls**ParcelEngineering Control**003-04-014**

Vapor Mitigation

Cover System

Engineering controls are required to prevent soil vapor intrusion into residential structures and to prevent direct contact with soils that present a potential exposure concern.

1. An active sub-floor depressurization system in the existing building will be maintained and operated in accordance with the SMP. A vapor barrier membrane over the entire sub-floor depressurization system in the existing building will be maintained.

2. An active sub-slab depressurization system (SSD) below the garage foundation slab and soil-contact sidewalls of the new condominium buildings will be maintained and operated in accordance with the SMP. A vapor barrier between the garage roof and the floor and soil-contact sidewalls of the condominium buildings will be maintained in accordance with the SMP.

3. The garage below the condominium buildings will be vented in accordance with the applicable local building codes. The garage vehicular exhaust venting system will operate at all times.

4. A demarcation layer must be placed and maintained at the bottom of all excavations beneath all landscaped areas and above all sub-surface areas of undisturbed, regraded, or reused Site soil in accordance with the SMP. Any proposed soil excavation on the property below the demarcation layer, or below the new garage slab, or below the existing building foundation slab, will be conducted in accordance with the SMP. The excavated soil and construction wastewater must be managed, characterized, and properly disposed in accordance with the SMP. Non-landscaped areas (buildings, roadways, parking lots, etc.) will be covered by a paving system or concrete at least 6 inches thick. These actions will eliminate the potential risk of direct contact to soils that exceed residential SCG levels.

All Engineering Controls must be operated and maintained as specified in SMP. All Engineering Controls must be inspected at a frequency and in manner defined in SMP. Groundwater and other environmental or public health monitoring must be performed as defined in 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 components of the remedy shall be performed as defined in SMP.

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 complete.

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. 152139

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 Noelle Clarke at 209 Shafter Street, Islandia, NY
print name print business address

am certifying as Owner's Designated Representative (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

2/27/2025
Date

EC CERTIFICATIONS

Box 7

Professional Engineer 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 Noelle Clarke at 209 Shafter Street, Islandia, NY
print name print business address

am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)


Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification



Stamp
(Required for PE)

2/27/2025
Date

APPENDIX B

SSDS Vacuum Monitoring Summary Reports

March 25, 2024

Mr. Christopher Grady
New York State Department of Environmental Conservation
50 Circle Road
Stony Brook, New York 11790

Re: SSDS Vacuum Monitoring Summary
First Quarter 2024
Bulova Watch Factory Site No. 152139
15 Church Street, Village of Sag Harbor, New York

Dear Mr. Grady:

On behalf of the Watchcase Factory Condominium, Roux Environmental Engineering and Geology, D.P.C. (Roux), is submitting this letter report summarizing the results of the sub-slab depressurization system (SSDS) monitoring activities performed at the Bulova Watch Factory Site No. 152139, 15 Church Street, Village of Sag Harbor, New York (Site), during the First Quarter of 2024. SSDS monitoring activities were conducted to confirm that the system is performing as designed in accordance with the January 27, 2009 Site Management Plan (SMP), the May 7, 2012 SMP Addendum No. 1, the October 2017 SMP Addendum No. 2, the March 2021 SMP Addendum No. 3, and the January 20, 2015 Operation, Maintenance, and Monitoring (OM&M) Plan submitted to the New York State Department of Environmental Conservation (NYSDEC). A brief description of SSDS operations and monitoring results during the First Quarter 2024 reporting period are provided below.

SSDS

The SSDS consists of a two-blower system in the former factory building (Factory Building SSDS) and a separate one-blower system beneath the garage (Garage SSDS). The SSDS consists of five vapor-collection piping legs beneath the factory building, one vapor-collection piping leg beneath the garage, and one vapor-collection piping leg around the perimeter of the garage adjacent to the retaining wall. Vacuum readings for each piping leg were collected at the SSDS monitoring points. There are two monitoring points for each piping leg in the factory building, three monitoring points for the garage piping leg, and one monitoring point for the perimeter piping leg (Plates 1 and 2).

The Factory Building and Garage SSDSs are required to maintain a vacuum of 0.004 inches of water column (in. w.c.) or greater vacuum at the monitoring points. The SSDSs are equipped with visual and electronic monitoring devices to verify performance within the required range of vacuum. Each individual SSDS leg is equipped with a vacuum gauge and a data logger, which are designed to record vacuum readings to 0.001 in. w.c. Each data logger displays a digital readout to provide real-time indications that the system is operating properly and records the most recent three months of vacuum readings for reference, if necessary. An electronic auto-dialer will automatically contact Roux personnel, building management, and/or maintenance staff if a system interruption occurs.

Quarterly SSDS Inspection and Monitoring

First Quarter 2024 SSDS inspection and monitoring activities were performed on January 25, 2024. In addition to visual inspections of the SSDS mechanical and above-grade piping components, the following parameters were monitored:

- Vacuum/pressure and air flow readings at the blower inlet and outlet;

- Vacuum readings at the moisture separator tank;
- Vacuum readings at the SSDS monitoring points; and
- Photoionization detector (PID) readings at the blower outlets.

During the Site visit, vacuum readings were collected at each SSDS monitoring point using a handheld micromanometer. Vacuum monitoring results from SSDS start-up through the First Quarter of 2024 are summarized in Table 1 (attached). It should be noted that the reading at MP2-1 was 0.000 in. w.c. on November 13, 2023. Given that all readings before November 2023 met the vacuum goal of 0.004 in. w.c. or greater vacuum, and the vacuum reading at MP2-1 on January 25, 2024, was 0.006 in. w.c., the reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current monitoring data and not an indication of an issue with the system operation. A review of Table 1 indicates that the Factory Building and Garage SSDSs were operating properly (i.e., maintaining a vacuum of 0.004 in. w.c. or greater vacuum at each monitoring point).

If you have any questions or require additional information regarding this monitoring summary, please feel free to contact the undersigned at 631-232-2600.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Rachel Fenwick
Project Engineer



Noelle Clarke, P.E.
Principal Engineer

Attachments

1. SSDS Monitoring Summary Table
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Fourth Quarter 2023
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENTS

1. SSDS Monitoring Summary Tables
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Fourth Quarter 2023
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 1

SSDS Monitoring Summary Tables

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Factory Building SSDS															
	SSDS Zones Inside Blower Room					Blower 1					Blower 2					
	Zone 1 (in. w.c.)	Zone 2 (in. w.c.)	Zone 3 (in. w.c.)	Zone 4 (in. w.c.)	Zone 5 (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	
March 6, 2015	2.50	2.40	1.90	5.80	6.50	--	25	31	--	--	--	20	8	--	--	
March 12, 2015	2.58	2.06	3.24	5.93	6.73	--	--	--	--	--	--	--	--	--	--	
March 19, 2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
March 24, 2015	6.38	5.76	3.15	5.77	6.46	--	--	--	--	--	--	--	--	--	--	
April 2, 2015	2.51	2.06	3.21	5.81	6.52	2,750.6	22	31	20	0.0	1,943.8	20	10	19	0.0	
April 7, 2015	2.44	2.06	3.3	5.64	6.47	2,871.4	25	32	20	0.0	2,064.4	20	19	20	0.0	
April 14, 2015	2.59	1.97	3.51	5.38	6.73	3,040.2	32	30	20	0.0	2,033.2	20	20	20	0.0	
April 22, 2015	2.48	2.02	3.24	5.53	6.46	3,231.2	25	31	20	0.0	2,424.1	21	10	18	0.0	
May 5, 2015	2.52	2.03	3.19	5.78	6.42	3,512.8	18	32	20	0.0	2,705.7	21	9	18	0.0	
May 11, 2015	2.54	1.98	3.28	5.72	6.53	3,621.5	25	31	20	0.0	2,814.4	21	10	17	0.0	
May 27, 2015	2.78	2.26	3.37	0.31	0.46	3,821.9	Blower 1 down since May 23, 2015					3,112.8	29	32	6	0.0
June 2, 2015	2.78	2.26	3.4	0.31	0.43	3,821.9	Blower 1 down since May 23, 2015					3,256.6	29	38	6	0.0
June 9, 2015	2.44	2.07	3.24	5.66	6.5	3,833.0	20	10	15	--	3,485.2	24	30	20	--	
July 29, 2015	2.61	2.07	3.24	3.82	6.59	4,853.2	21	10	19	0.0	4,288.2	25	20	20	0.0	
August 6, 2015	2.63	2.17	3.31	5.72	6.46	5,048.4	21	9	18	0.0	4,483.5	25	20	20	0.0	
September 11, 2015	2.62	2.14	3.3	5.74	6.55	5,910.9	21	10	19	0.0	5,340.0	24	20	19	0.0	
December 31, 2015	2.68	2.02	3.3	5.76	6.48	8,576.6	22	10	18	0.2	8,011.3	21	20	20	0.1	
January 21, 2016	2.62	2.04	3.25	5.67	6.45	9,078.4	22	10	18	0.2	8,513.5	22	19	19	0.1	
March 22, 2016	2.66	1.98	3.31	5.78	6.42	10,543.2	25	20	20	0.0	9,979.0	21	10	18	0.1	
April 22, 2016	2.6	2.04	3.26	5.62	6.37	11,286.5	22	20	20	0.1	10,721.4	21	9	18	0.0	
May 27, 2016	2.63	2.05	3.24	5.61	6.44	12,195.4	22	20	20	0.0	11,463.2	21	10	18	0.0	
June 21, 2016	2.68	2.07	3.2	5.65	6.42	12,724.4	23	20	20	0.0	12,159.4	21	9	18	0.0	
March 22, 2017	2.63	2.09	3.29	5.69	6.43	19,046.5	--	20	20	0.0	18,481.0	21	--	--	--	
May 5, 2017	2.62	2.03	2.99	5.79	6.47	20,105.3	21	--	18	0.0	19,540.3	27	20	20	0.0	
July 21, 2017	2.68	1.93	3.01	5.79	5.72	21,953.8	27	10	18	0.0	21,388.1	21	20	19	0.0	
December 13, 2017	2.66	1.96	2.41	5.62	6.37	25,433.2	25	10	18	0.1	24,868.2	25	20	18	0.0	
February 12, 2018	2.60	2.20	3.29	5.75	6.46	--	20	10	18	0.1	--	25	20	20	0.0	
May 15, 2018	2.66	2.01	2.41	5.82	6.53	29,104.8	24	10	18	0.0	28,539.7	25	20	19	0.0	
August 16, 2018	2.63	2.08	2.49	5.81	6.58	31,273.0	26	9	18	0.0	30,707.0	22	20	18	0.0	
October 3, 2018	2.64	1.98	2.66	5.75	6.52	32,427.7	24	10	18	0.0	31,861.0	22	20	18	0.0	
January 16, 2019	2.51	1.98	2.69	5.75	6.46	34,947.8	22	8	18	0.0	34,381.6	24	18	20	0.0	
April 5, 2019	2.71	2.14	2.71	5.77	6.65	36,839.8	22	10	19	0.0	36,274.5	24	20	19	0.0	
August 2, 2019	2.63	2.20	2.98	5.73	6.58	39,672.0	22	10	19	0.0	39,106.7	24	20	19	0.0	
December 23, 2019	2.69	2.10	2.45	5.79	6.52	43,131.3	26	10	16	0.0	42,565.8	19	20	18	0.0	
March 31, 2020	2.66	2.10	2.05	5.78	6.54	45,505.2	24	8	10	0.0	44,939.6	19	20	18	0.0	
June 17, 2020	2.64	2.04	2.26	5.79	6.58	47,375.8	26	8	14	0.0	46,810.2	20	20	18	0.0	
September 16, 2020	2.12	2.53	2.34	5.87	6.57	49,669.6	26	6	8	0.0	48,994.1	20	18	20	0.0	
December 8, 2020	2.76	2.31	2.11	5.55	6.59	51,555.6	26	14	8	0.0	50,990.6	30	22	16	0.0	
December 9, 2020	5.09	5.20	3.22	2.72	3.21	51,580.1	25	15	8	0.0	51,014.6	35	26	16	0.0	
December 15, 2020	5.17	5.16	3.05	2.42	4.07	51,721.5	25	14	8	0.0	51,155.9	35	26	16	0.0	
March 29, 2021	5.26	5.37	2.98	2.36	4.00	54,058.2	21	13	10	0.0	53,492.7	24	21	18	0.0	
June 30, 2021	5.19	5.23	3.00	2.41	3.99	56,290.0	21	12	10	0.0	55,725.3	25	21	18	0.0	
September 30, 2021	5.27	5.36	3.09	2.45	4.08	58,498.1	22	12	10	0.0	57,932.6	24	20	18	0.0	
December 28, 2021	5.27	5.36	3.03	2.43	4.03	60,635.4	21	12	10	0.0	60,069.8	24	22	18	0.0	
March 24, 2022	5.18	5.30	3.10	2.52	4.27	62,698.0	21	12	10	0.0	62,132.4	25	21	18	0.0	
June 30, 2022	5.17	5.32	3.06	2.45	4.11	65,050.0	21	12	10	0.0	64,484.4	25	21	18	0.0	
December 16, 2022	5.30	5.23	3.08	2.61	4.30	69,109.1	26	12	10	0.0	68,543.5	25	25	18	0.0	
January 25, 2023	5.55	5.32	3.08	2.5	4.32	70,067.10	25	12	10	0.0	69,501.40	36	27	12	0.0	
June 30, 2023	5.48	5.34	3.13	2.5	4.25	73,809.80	25	12	10	0.0	73,244.10	35	25	12	0.0	
September 27, 2023	5.82	5.53	3.14	2.61	4.46	75,995.60	27	14	10	0.0	75,379.30	31	22	12	0.0	
November 13, 2023	5.72	5.44	3.04	2.63	4.31	77,073.7	28	15	15	0.0	76,507.9	29	24	16	0.0	
January 25, 2024	5.65	5.42	3.12	2.54	4.33	78826.8	28	15	11	0	78261.1	30	20	13	0	

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Garage & Perimeter SSDS								
	SSDS Zones Inside Blower Room			Garage Blower					
	Perm. E. (in. w.c.)	Perm. W. (in. w.c.)	Garage (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	
March 6, 2015	2.20	2.00	0.90	--	28	19	--	--	
March 12, 2015	2.63	2.34	0.52	--	--	--	--	--	
March 19, 2015	2.57	2.23	0.56	--	--	--	--	--	
March 24, 2015	2.61	2.17	0.51	--	--	--	--	--	
April 2, 2015	2.52	2.20	0.51	2,859.4	24	11	2.2	0.0	
April 7, 2015	2.67	2.24	0.53	2,980.0	24	27	2.5	0.0	
April 14, 2015	2.88	2.39	0.57	3,148.8	27	18	2	0.0	
April 22, 2015	2.89	2.48	0.58	3,340.4	27	18	2	0.0	
May 5, 2015	2.72	2.23	0.61	3,651.1	27	19	2	0.0	
May 11, 2015	2.61	2.18	0.51	3,796.6	27	19	2	0.0	
May 27, 2015	2.59	2.16	0.57	4,179.4	27	19	2	0.0	
June 2, 2015	2.7	2.28	0.68	4,323.1	28	18	2	0.0	
June 9, 2015	2.72	2.12	0.57	4,492.1	28	18	2	--	
July 29, 2015	2.48	2.02	0.66	5,502.1	27	19	2	0.0	
August 6, 2015	2.45	1.95	0.56	5,698.0	27	18	2	0.0	
September 11, 2015	2.88	2.34	0.52	6,559.7	27	19	2	0.0	
December 31, 2015	2.94	2.52	0.64	9,226.1	27	19	2	0.0	
January 21, 2016	2.68	2.24	0.56	9,727.9	27	19	2	0.2	
March 22, 2016	2.79	2.33	0.62	11,192.6	27	19	2	0.1	
April 22, 2016	2.68	2.17	0.57	11,836.2	27	18	2	0.0	
May 27, 2016	2.72	2.14	0.63	12,482.2	27	18	2	0.0	
June 21, 2016	2.65	2.26	0.59	13,373.5	27	19	2	0.0	
March 22, 2017	2.71	2.21	0.61	--	28	18	2	0.0	
May 5, 2017	2.96	2.55	0.59	--	27	19	2	0.0	
July 21, 2017	2.62	2.14	0.68	22,856.7	25	18	2	0.0	
December 13, 2017	2.59	2.17	0.53	26,335.8	25	18	2	0.0	
February 12, 2018	2.52	1.97	0.54	--	25	18	2	0.0	
May 15, 2018	2.70	2.24	0.52	30,007.3	26	18	2	0.0	
August 16, 2018	2.51	2.06	0.60	32,115.6	27	19	2	0.0	
October 3, 2018	2.29	2.69	0.58	33,329.5	27	18	2	0.1	
January 16, 2019	2.57	2.14	0.53	35,849.1	27	18	2	0.0	
April 5, 2019	2.49	1.99	0.56	37,741.0	27	18	2	0.0	
August 2, 2019	2.68	2.34	0.54	40,573.2	27	18	2	0.0	
December 23, 2019	2.26	1.77	0.53	44,034.1	25	15	2	0.0	
March 31, 2020	2.39	1.77	0.45	46,406.5	23	16	2	0.0	
June 17, 2020	2.15	1.75	0.61	48,278.5	25	16	3	0.0	
September 16, 2020	2.06	1.52	0.53	50,461.1	25	10	2	0.0	
December 8, 2020	1.45	1.82	0.83	52,457.5	25	15	2	0.0	
December 9, 2020	1.45	1.80	0.85	52,482.0	21	10	2	0.0	
December 15, 2020	--	--	--	52,482.0	--	--	2	--	
March 29, 2021	1.91	1.65	0.94	55,113.9	20	10	10	0.0	
June 30, 2021	1.37	1.74	0.83	57,346.4	21	10	10	0.0	
September 30, 2021	1.69	1.35	0.92	59,554.1	20	10	10	0.0	
December 28, 2021	1.75	1.40	0.88	61,691.3	20	10	10	0.0	
March 24, 2022	2.10	1.69	0.93	63,753.9	20	10	10	0.0	
June 30, 2022	2.05	1.62	0.90	66,106.9	20	10	10	0.0	
December 16, 2022	2.06	1.55	0.96	70,164.8	21	10	10	0.0	
January 25, 2023	1.76	1.38	0.77	71,123.40	19	11	10	0.0	
June 30, 2023	1.5	1.21	0.96	74,865.60	22	10	10	0.0	
September 27, 2023	1.72	1.3	0.92	77,001.20	20	10	10	0.0	
November 13, 2023	1.55	1.18	0.82	78,129.7	20	11	10	0.0	
January 25, 2024	1.45	1.81	0.89	79882.6	21	10	10	0	

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	SSDS Monitoring Points												
	Factory Building										Garage & Perimeter		
	MP1-1 (in. w.c.)	MP1-2 (in. w.c.)	MP2-1 (in. w.c.)	MP2-2 (in. w.c.)	MP3-1 (in. w.c.)	MP3-2 (in. w.c.)	MP4-1 (in. w.c.)	MP4-2 (in. w.c.)	MP5-1 (in. w.c.)	MP5-2 (in. w.c.)	MP6-1 (in. w.c.)	MP6-2 (in. w.c.)	MP7-1 (in. w.c.)
June 9, 2015	N/A	0.03	0.000	0.367	0.11	N/A	0.007	1.155	0.017	0.01	0.164	0.084	N/A
July 29, 2015	0.042	0.042	0.009	0.135	0.034	0.019	N/A	1.178	N/A	0.012	0.129	0.094	0.038
August 6, 2015	0.119	0.041	0.009	0.386	0.032	0.008	0.030	1.168	0.021	0.118	0.131	0.092	0.039
September 11, 2015	0.111	0.049	0.008	0.393	0.035	0.010	0.035	1.177	0.019	0.120	0.129	0.040	0.090
December 31, 2015	0.123	0.031	0.008	N/A	0.024	0.010	0.025	0.991	0.008	0.189	0.124	0.266	0.011
January 21, 2016	0.112	0.020	0.008	N/A	0.013	0.013	0.023	0.915	0.021	0.278	0.105	0.230	0.066
March 22, 2016	0.104	0.024	0.007	0.025	0.023	0.014	0.020	0.891	0.011	0.375	0.114	0.252	0.075
April 22, 2016	0.155	0.026	0.004	0.759	0.015	0.012	0.017	0.898	0.017	0.098	0.117	0.258	0.076
May 27, 2016	0.109	0.034	0.006	0.549	0.021	0.010	0.025	0.912	0.022	0.205	0.131	0.267	0.081
June 21, 2016	0.122	0.030	0.009	0.261	0.019	0.012	0.022	0.940	0.014	0.240	0.128	0.269	0.086
March 22, 2017	0.087	0.019	0.021	0.219	0.007	0.010	0.014	0.847	0.004	0.401	0.125	0.246	0.083
May 5, 2017	0.101	0.021	0.006	0.205	0.005	0.011	0.019	0.889	0.026	0.071	0.191	0.254	N/A
July 21, 2017	0.118	0.036	0.012	0.236	0.007	0.014	0.020	0.938	0.008	0.101	0.128	0.244	0.082
December 13, 2017	0.086	0.022	0.006	0.194	0.011	0.011	0.016	0.877	0.012	0.329	0.129	0.248	0.080
February 12, 2018	0.118	0.040	0.009	0.089	0.031	0.010	0.032	1.155	0.027	0.118	0.134	0.035	0.091
May 15, 2018	0.104	0.023	0.009	0.195	0.008	0.014	0.019	0.883	0.012	0.015	0.129	1.950	0.080
August 16, 2018	0.110	0.032	0.005	0.229	0.007	0.009	0.023	0.937	0.011	0.010	0.127	0.222	0.085
October 3, 2018	0.109	0.028	0.006	0.253	0.008	0.010	0.044	0.927	0.010	0.010	0.124	0.244	0.078
January 16, 2019	0.121	0.022	0.009	0.180	0.008	0.009	0.019	0.860	0.012	0.119	0.128	0.235	0.095
April 5, 2019	0.119	0.020	0.004	0.191	0.007	0.010	0.015	0.850	0.004	0.008	0.109	0.228	0.068
August 2, 2019	0.108	0.022	0.006	0.196	0.008	0.010	0.022	0.910	0.009	0.008	0.120	0.221	0.082
December 23, 2019	0.119	0.025	0.007	0.182	0.007	0.012	0.019	0.854	0.010	0.006	0.112	0.192	0.068
March 31, 2020	0.135	0.026	0.008	0.190	0.006	0.009	0.023	0.852	0.010	0.007	0.115	0.192	0.073
June 17, 2020	0.109	0.024	0.008	0.214	0.008	0.013	0.020	0.904	0.011	0.011	0.112	0.201	0.081
September 16, 2020	0.105	0.021	0.020	0.210	0.010	0.010	0.040	0.922	0.013	0.009	0.118	0.190	0.104
December 8, 2020	--	0.022	0.005	0.214	0.007	0.007	0.016	0.872	0.010	0.014	0.161	0.258	--
December 9, 2020	--	0.030	0.013	0.331	0.015	0.012	0.013	0.504	0.023	0.011	0.162	0.252	0.103
December 15, 2020	0.147	--	--	--	--	--	--	--	--	--	--	--	--
March 29, 2021	0.167	0.028	0.066	0.298	0.010	0.011	0.012	0.459	0.021	0.009	0.156	0.231	0.120
June 30, 2021	0.159	0.032	0.059	0.303	0.011	0.013	0.012	0.472	0.024	0.008	0.149	0.241	0.117
September 30, 2021	0.144	0.032	0.065	0.314	0.013	0.012	0.011	0.489	0.029	0.008	0.152	0.233	0.121
December 28, 2021	0.136	0.037	0.061	0.285	0.015	0.013	0.012	0.482	0.025	0.009	0.150	0.227	0.126
March 24, 2022	0.148	0.039	0.058	0.278	0.017	0.015	0.013	0.411	0.021	0.009	0.179	0.254	0.127
June 30, 2022	0.144	0.034	0.056	0.272	0.016	0.013	0.012	0.428	0.024	0.009	0.168	0.232	0.122
December 16, 2022	0.145	0.026	0.005	0.335	0.005	0.012	0.006	0.500	0.009	0.010	0.220	0.220	0.121
January 25, 2023	0.145	0.031	0.006	0.332	0.005	0.007	0.012	0.504	0.006	0.016	0.153	0.215	0.11
June 30, 2023	0.150	0.028	0.005	0.330	0.007	0.008	0.010	0.489	0.007	0.012	0.202	0.217	0.162
September 27, 2023	0.139	0.037	0.021	0.297	0.016	0.018	0.013	0.445	0.020	0.010	0.166	0.240	0.171
November 13, 2023	0.148	0.031	0.000 ¹	0.367	0.004	0.020	0.011	0.513	0.008	0.005	0.159	0.219	0.104
January 25, 2024	0.148	0.029	0.008	0.322	0.005	0.025	0.019	0.491	0.015	0.005	0.172	0.204	0.098

Notes:

Zone 1: SSDS Green Line, Blower 2
Zone 2: SSDS Purple Line, Blower 2
Zone 3: SSDS Orange Line, Blower 2
Zone 4: SSDS Red Line, Blower 1
Zone 5: SSDS Blue Line, Blower 1
Zone 6: SSDS Garage Line, Garage Blower
Zone 7: SSDS Perimeter East/West Line, Garage Blower
MP2-1 installed incorrectly. Corrected on July 7, 2015
N/A: measurement was not collected, point inaccessible

Vacuum readings were previously reported in negative pressure (shown as negative value). This was corrected by reporting vacuum readings as positive values.

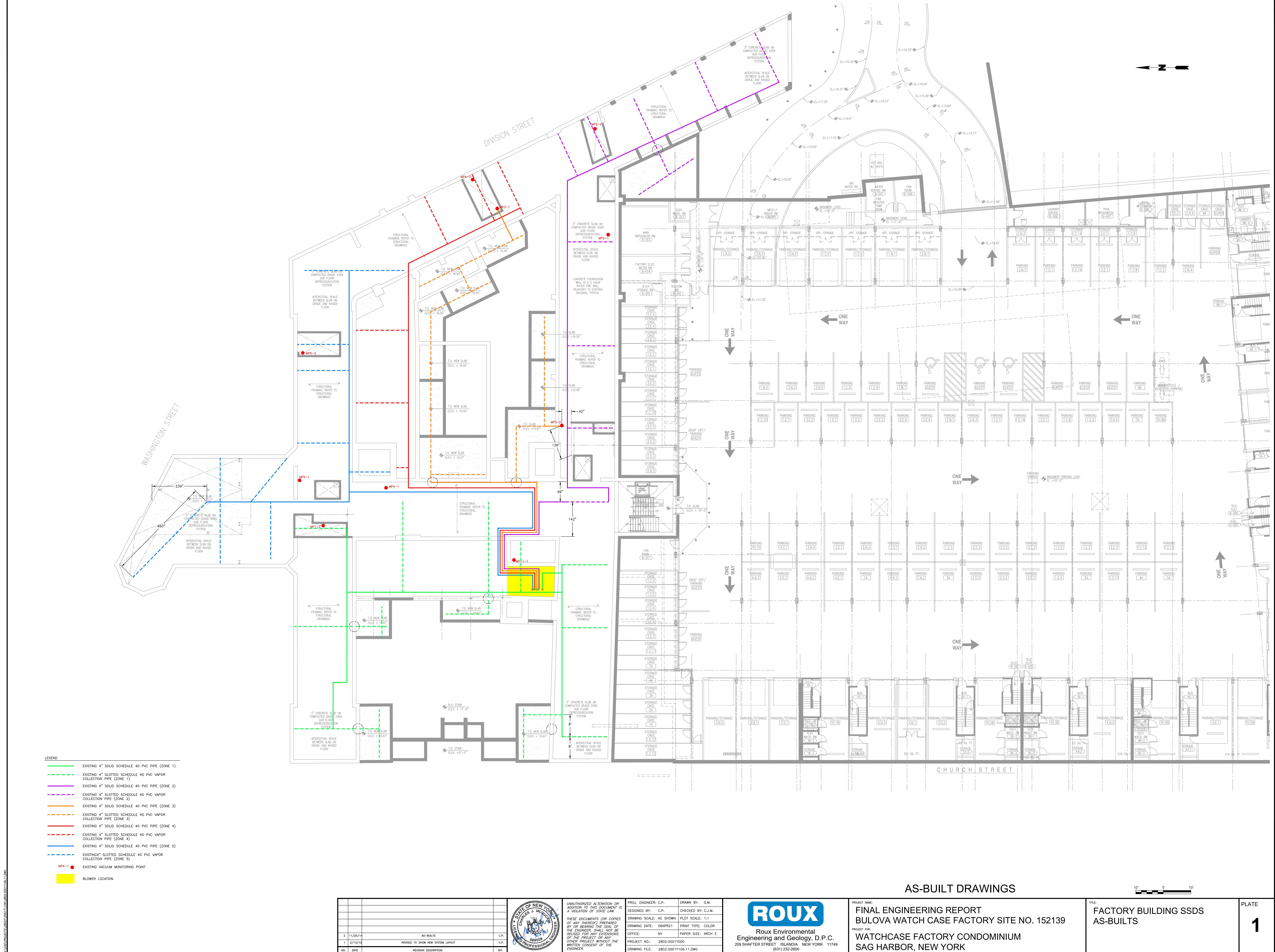
SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of vacuum. Effluent reported in terms of pressure.

¹On November 13, 2023, the reading at MP2-1 was 0.000 in. wc.. All readings before November 2023 met the minimum vacuum of 0.004 in. wc. Furthermore, the vacuum reading at MP2-1 on January 25, 2024 was 0.006 in. w.c, which meets the minimum requirement. The reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

Fourth Quarter 2023
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 2

Factory Building SSDS As-Builts



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NO.	DATE	REVISION DESCRIPTION	BY
2	11/25/24	AS-BUILTS	C.P.
1	3/13/24	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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DESIGNED BY: C.P. CHECKED BY: C.J.M.
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PROJECT NAME:
FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139
PROJECT FOR:
WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK

TITLE:
FACTORY BUILDING SSDS
AS-BUILTS

PLATE
1

Fourth Quarter 2023
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 3

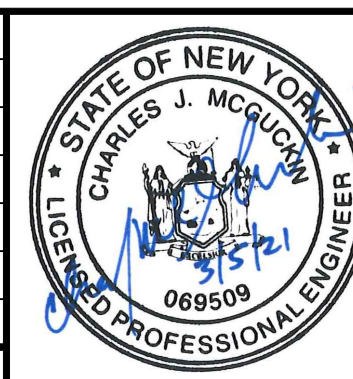
Garage SSDS As-Builts



LEGEND

- EXISTING 6" SUB-SLAB VAPOR COLLECTION PIPE
- EXISTING 6" SOLID SUB-SLAB HEADER PIPE
- EXISTING 6" EXTERNAL VAPOR COLLECTION PIPE
- EXISTING 6" SOLID VAPOR COLLECTION PIPE HUNG FROM GARAGE CEILING
- EXISTING VACUUM MONITORING POINT
- BLOWER LOCATION

NO.	DATE	REVISION DESCRIPTION	BY
1	11/29/14	AS-BUILTS	C.P.
2	12/15/17	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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ROUX
Roux Environmental Engineering and Geology, D.P.C.
209 SHAFER STREET ISLANDIA, NEW YORK 11749
(831) 232-2600

PROJECT NAME: FINAL ENGINEERING REPORT BULOVA WATCH CASE FACTORY SITE NO. 152139
PROJECT FOR: WATCHCASE FACTORY CONDOMINIUM SAG HARBOR, NEW YORK

TITLE: GARAGE SSDS AS-BUILTS

PLATE
2

July 10, 2024

Mr. Christopher Grady
New York State Department of Environmental Conservation
50 Circle Road
Stony Brook, New York 11790

Re: SSDS Vacuum Monitoring Summary
Second Quarter 2024
Bulova Watch Factory Site No. 152139
15 Church Street, Village of Sag Harbor, New York

Dear Mr. Grady:

On behalf of the Watchcase Factory Condominium, Roux Environmental Engineering and Geology, D.P.C. (Roux), is submitting this letter report summarizing the results of the sub-slab depressurization system (SSDS) monitoring activities performed at the Bulova Watch Factory Site No. 152139, 15 Church Street, Village of Sag Harbor, New York (Site), during the Second Quarter of 2024. SSDS monitoring activities were conducted to confirm that the system is performing as designed in accordance with the January 27, 2009 Site Management Plan (SMP), the May 7, 2012 SMP Addendum No. 1, the October 2017 SMP Addendum No. 2, the March 2021 SMP Addendum No. 3, and the January 20, 2015 Operation, Maintenance, and Monitoring (OM&M) Plan submitted to the New York State Department of Environmental Conservation (NYSDEC). A brief description of SSDS operations and monitoring results during the Second Quarter 2024 reporting period are provided below.

SSDS

The SSDS consists of a two-blower system in the former factory building (Factory Building SSDS) and a separate one-blower system beneath the garage (Garage SSDS). The SSDS consists of five vapor-collection piping legs beneath the factory building, one vapor-collection piping leg beneath the garage, and one vapor-collection piping leg around the perimeter of the garage adjacent to the retaining wall. Vacuum readings for each piping leg were collected at the SSDS monitoring points. There are two monitoring points for each piping leg in the factory building, three monitoring points for the garage piping leg, and one monitoring point for the perimeter piping leg (Plates 1 and 2).

The Factory Building and Garage SSDSs are required to maintain a vacuum of 0.004 inches of water column (in. w.c.) or greater vacuum at the monitoring points. The SSDSs are equipped with visual and electronic monitoring devices to verify performance within the required range of vacuum. Each individual SSDS leg is equipped with a vacuum gauge and a data logger, which are designed to record vacuum readings to 0.001 in. w.c. Each data logger displays a digital readout to provide real-time indications that the system is operating properly and records the most recent three months of vacuum readings for reference, if necessary. An electronic auto-dialer will automatically contact Roux personnel, building management, and/or maintenance staff if a system interruption occurs.

Quarterly SSDS Inspection and Monitoring

Second Quarter 2024 SSDS inspection and monitoring activities were performed on April 11, 2024. In addition to visual inspections of the SSDS mechanical and above-grade piping components, the following parameters were monitored:

- Vacuum/pressure and air flow readings at the blower inlet and outlet;

- Vacuum readings at the moisture separator tank;
- Vacuum readings at the SSDS monitoring points; and
- Photoionization detector (PID) readings at the blower outlets.

During the Site visit, vacuum readings were collected at each SSDS monitoring point using a handheld micromanometer. Vacuum monitoring results from SSDS start-up through the Second Quarter of 2024 are summarized in Table 1 (attached). It should be noted that the reading at MP3-1 was 0.003 in. w.c. during this site visit. Given that all readings before April 2024 met the vacuum goal of 0.004 in. w.c. or greater vacuum, the reading at MP3-1 during the second quarter reporting period appears to be an anomaly based upon the historical monitoring data and not an indication of an issue with the system operation. A review of Table 1 indicates that the Factory Building and Garage SSDSs were operating properly (i.e., maintaining a vacuum of 0.004 in. w.c. or greater vacuum at each monitoring point).

If you have any questions or require additional information regarding this monitoring summary, please feel free to contact the undersigned at 631-232-2600.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Rachel Fenwick
Project Engineer



Noelle Clarke, P.E.
Principal Engineer

Attachments

1. SSDS Monitoring Summary Table
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Second Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENTS

1. SSDS Monitoring Summary Tables
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Second Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 1

SSDS Monitoring Summary Tables

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Factory Building SSDS															
	SSDS Zones Inside Blower Room					Blower 1					Blower 2					
	Zone 1 (in. w.c.)	Zone 2 (in. w.c.)	Zone 3 (in. w.c.)	Zone 4 (in. w.c.)	Zone 5 (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	
March 6, 2015	2.50	2.40	1.90	5.80	6.50	--	25	31	--	--	--	20	8	--	--	
March 12, 2015	2.58	2.06	3.24	5.93	6.73	--	--	--	--	--	--	--	--	--	--	
March 19, 2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
March 24, 2015	6.38	5.76	3.15	5.77	6.46	--	--	--	--	--	--	--	--	--	--	
April 2, 2015	2.51	2.06	3.21	5.81	6.52	2,750.6	22	31	20	0.0	1,943.8	20	10	19	0.0	
April 7, 2015	2.44	2.06	3.3	5.64	6.47	2,871.4	25	32	20	0.0	2,064.4	20	19	20	0.0	
April 14, 2015	2.59	1.97	3.51	5.38	6.73	3,040.2	32	30	20	0.0	2,033.2	20	20	20	0.0	
April 22, 2015	2.48	2.02	3.24	5.53	6.46	3,231.2	25	31	20	0.0	2,424.1	21	10	18	0.0	
May 5, 2015	2.52	2.03	3.19	5.78	6.42	3,512.8	18	32	20	0.0	2,705.7	21	9	18	0.0	
May 11, 2015	2.54	1.98	3.28	5.72	6.53	3,621.5	25	31	20	0.0	2,814.4	21	10	17	0.0	
May 27, 2015	2.78	2.26	3.37	0.31	0.46	3,821.9	Blower 1 down since May 23, 2015					3,112.8	29	32	6	0.0
June 2, 2015	2.78	2.26	3.4	0.31	0.43	3,821.9	Blower 1 down since May 23, 2015					3,256.6	29	38	6	0.0
June 9, 2015	2.44	2.07	3.24	5.66	6.5	3,833.0	20	10	15	--	3,485.2	24	30	20	--	
July 29, 2015	2.61	2.07	3.24	3.82	6.59	4,853.2	21	10	19	0.0	4,288.2	25	20	20	0.0	
August 6, 2015	2.63	2.17	3.31	5.72	6.46	5,048.4	21	9	18	0.0	4,483.5	25	20	20	0.0	
September 11, 2015	2.62	2.14	3.3	5.74	6.55	5,910.9	21	10	19	0.0	5,340.0	24	20	19	0.0	
December 31, 2015	2.68	2.02	3.3	5.76	6.48	8,576.6	22	10	18	0.2	8,011.3	21	20	20	0.1	
January 21, 2016	2.62	2.04	3.25	5.67	6.45	9,078.4	22	10	18	0.2	8,513.5	22	19	19	0.1	
March 22, 2016	2.66	1.98	3.31	5.78	6.42	10,543.2	25	20	20	0.0	9,979.0	21	10	18	0.1	
April 22, 2016	2.6	2.04	3.26	5.62	6.37	11,286.5	22	20	20	0.1	10,721.4	21	9	18	0.0	
May 27, 2016	2.63	2.05	3.24	5.61	6.44	12,195.4	22	20	20	0.0	11,463.2	21	10	18	0.0	
June 21, 2016	2.68	2.07	3.2	5.65	6.42	12,724.4	23	20	20	0.0	12,159.4	21	9	18	0.0	
March 22, 2017	2.63	2.09	3.29	5.69	6.43	19,046.5	--	20	20	0.0	18,481.0	21	--	--	--	
May 5, 2017	2.62	2.03	2.99	5.79	6.47	20,105.3	21	--	18	0.0	19,540.3	27	20	20	0.0	
July 21, 2017	2.68	1.93	3.01	5.79	5.72	21,953.8	27	10	18	0.0	21,388.1	21	20	19	0.0	
December 13, 2017	2.66	1.96	2.41	5.62	6.37	25,433.2	25	10	18	0.1	24,868.2	25	20	18	0.0	
February 12, 2018	2.60	2.20	3.29	5.75	6.46	--	20	10	18	0.1	--	25	20	20	0.0	
May 15, 2018	2.66	2.01	2.41	5.82	6.53	29,104.8	24	10	18	0.0	28,539.7	25	20	19	0.0	
August 16, 2018	2.63	2.08	2.49	5.81	6.58	31,273.0	26	9	18	0.0	30,707.0	22	20	18	0.0	
October 3, 2018	2.64	1.98	2.66	5.75	6.52	32,427.7	24	10	18	0.0	31,861.0	22	20	18	0.0	
January 16, 2019	2.51	1.98	2.69	5.75	6.46	34,947.8	22	8	18	0.0	34,381.6	24	18	20	0.0	
April 5, 2019	2.71	2.14	2.71	5.77	6.65	36,839.8	22	10	19	0.0	36,274.5	24	20	19	0.0	
August 2, 2019	2.63	2.20	2.98	5.73	6.58	39,672.0	22	10	19	0.0	39,106.7	24	20	19	0.0	
December 23, 2019	2.69	2.10	2.45	5.79	6.52	43,131.3	26	10	16	0.0	42,565.8	19	20	18	0.0	
March 31, 2020	2.66	2.10	2.05	5.78	6.54	45,505.2	24	8	10	0.0	44,939.6	19	20	18	0.0	
June 17, 2020	2.64	2.04	2.26	5.79	6.58	47,375.8	26	8	14	0.0	46,810.2	20	20	18	0.0	
September 16, 2020	2.12	2.53	2.34	5.87	6.57	49,669.6	26	6	8	0.0	48,994.1	20	18	20	0.0	
December 8, 2020	2.76	2.31	2.11	5.55	6.59	51,555.6	26	14	8	0.0	50,990.6	30	22	16	0.0	
December 9, 2020	5.09	5.20	3.22	2.72	3.21	51,580.1	25	15	8	0.0	51,014.6	35	26	16	0.0	
December 15, 2020	5.17	5.16	3.05	2.42	4.07	51,721.5	25	14	8	0.0	51,155.9	35	26	16	0.0	
March 29, 2021	5.26	5.37	2.98	2.36	4.00	54,058.2	21	13	10	0.0	53,492.7	24	21	18	0.0	
June 30, 2021	5.19	5.23	3.00	2.41	3.99	56,290.0	21	12	10	0.0	55,725.3	25	21	18	0.0	
September 30, 2021	5.27	5.36	3.09	2.45	4.08	58,498.1	22	12	10	0.0	57,932.6	24	20	18	0.0	
December 28, 2021	5.27	5.36	3.03	2.43	4.03	60,635.4	21	12	10	0.0	60,069.8	24	22	18	0.0	
March 24, 2022	5.18	5.30	3.10	2.52	4.27	62,698.0	21	12	10	0.0	62,132.4	25	21	18	0.0	
June 30, 2022	5.17	5.32	3.06	2.45	4.11	65,050.0	21	12	10	0.0	64,484.4	25	21	18	0.0	
December 16, 2022	5.30	5.23	3.08	2.61	4.30	69,109.1	26	12	10	0.0	68,543.5	25	25	18	0.0	
January 25, 2023	5.55	5.32	3.08	2.5	4.32	70,067.10	25	12	10	0.0	69,501.40	36	27	12	0.0	
June 30, 2023	5.48	5.34	3.13	2.5	4.25	73,809.80	25	12	10	0.0	73,244.10	35	25	12	0.0	
September 27, 2023	5.82	5.53	3.14	2.61	4.46	75,995.60	27	14	10	0.0	75,379.30	31	22	12	0.0	
November 13, 2023	5.72	5.44	3.04	2.63	4.31	77,073.7	28	15	15	0.0	76,507.9	29	24	16	0.0	
January 25, 2024	5.65	5.42	3.12	2.54	4.33	78826.8	28	15	11	0	78261.1	30	20	13	0	
April 11, 2024	5.57	5.4	3.1	2.53	4.32	80673.6	18	12	12	0.1	80107.8	32	26	18	0	

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Garage & Perimeter SSDS								
	SSDS Zones Inside Blower Room			Garage Blower					PID (ppm)
	Perm. E. (in. w.c.)	Perm. W. (in. w.c.)	Garage (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)		
March 6, 2015	2.20	2.00	0.90	--	28	19	--	--	
March 12, 2015	2.63	2.34	0.52	--	--	--	--	--	
March 19, 2015	2.57	2.23	0.56	--	--	--	--	--	
March 24, 2015	2.61	2.17	0.51	--	--	--	--	--	
April 2, 2015	2.52	2.20	0.51	2,859.4	24	11	2.2	0.0	
April 7, 2015	2.67	2.24	0.53	2,980.0	24	27	2.5	0.0	
April 14, 2015	2.88	2.39	0.57	3,148.8	27	18	2	0.0	
April 22, 2015	2.89	2.48	0.58	3,340.4	27	18	2	0.0	
May 5, 2015	2.72	2.23	0.61	3,651.1	27	19	2	0.0	
May 11, 2015	2.61	2.18	0.51	3,796.6	27	19	2	0.0	
May 27, 2015	2.59	2.16	0.57	4,179.4	27	19	2	0.0	
June 2, 2015	2.7	2.28	0.68	4,323.1	28	18	2	0.0	
June 9, 2015	2.72	2.12	0.57	4,492.1	28	18	2	--	
July 29, 2015	2.48	2.02	0.66	5,502.1	27	19	2	0.0	
August 6, 2015	2.45	1.95	0.56	5,698.0	27	18	2	0.0	
September 11, 2015	2.88	2.34	0.52	6,559.7	27	19	2	0.0	
December 31, 2015	2.94	2.52	0.64	9,226.1	27	19	2	0.0	
January 21, 2016	2.68	2.24	0.56	9,727.9	27	19	2	0.2	
March 22, 2016	2.79	2.33	0.62	11,192.6	27	19	2	0.1	
April 22, 2016	2.68	2.17	0.57	11,836.2	27	18	2	0.0	
May 27, 2016	2.72	2.14	0.63	12,482.2	27	18	2	0.0	
June 21, 2016	2.65	2.26	0.59	13,373.5	27	19	2	0.0	
March 22, 2017	2.71	2.21	0.61	--	28	18	2	0.0	
May 5, 2017	2.96	2.55	0.59	--	27	19	2	0.0	
July 21, 2017	2.62	2.14	0.68	22,856.7	25	18	2	0.0	
December 13, 2017	2.59	2.17	0.53	26,335.8	25	18	2	0.0	
February 12, 2018	2.52	1.97	0.54	--	25	18	2	0.0	
May 15, 2018	2.70	2.24	0.52	30,007.3	26	18	2	0.0	
August 16, 2018	2.51	2.06	0.60	32,115.6	27	19	2	0.0	
October 3, 2018	2.29	2.69	0.58	33,329.5	27	18	2	0.1	
January 16, 2019	2.57	2.14	0.53	35,849.1	27	18	2	0.0	
April 5, 2019	2.49	1.99	0.56	37,741.0	27	18	2	0.0	
August 2, 2019	2.68	2.34	0.54	40,573.2	27	18	2	0.0	
December 23, 2019	2.26	1.77	0.53	44,034.1	25	15	2	0.0	
March 31, 2020	2.39	1.77	0.45	46,406.5	23	16	2	0.0	
June 17, 2020	2.15	1.75	0.61	48,278.5	25	16	3	0.0	
September 16, 2020	2.06	1.52	0.53	50,461.1	25	10	2	0.0	
December 8, 2020	1.45	1.82	0.83	52,457.5	25	15	2	0.0	
December 9, 2020	1.45	1.80	0.85	52,482.0	21	10	2	0.0	
December 15, 2020	--	--	--	52,482.0	--	--	2	--	
March 29, 2021	1.91	1.65	0.94	55,113.9	20	10	10	0.0	
June 30, 2021	1.37	1.74	0.83	57,346.4	21	10	10	0.0	
September 30, 2021	1.69	1.35	0.92	59,554.1	20	10	10	0.0	
December 28, 2021	1.75	1.40	0.88	61,691.3	20	10	10	0.0	
March 24, 2022	2.10	1.69	0.93	63,753.9	20	10	10	0.0	
June 30, 2022	2.05	1.62	0.90	66,106.9	20	10	10	0.0	
December 16, 2022	2.06	1.55	0.96	70,164.8	21	10	10	0.0	
January 25, 2023	1.76	1.38	0.77	71,123.40	19	11	10	0.0	
June 30, 2023	1.5	1.21	0.96	74,865.60	22	10	10	0.0	
September 27, 2023	1.72	1.3	0.92	77,001.20	20	10	10	0.0	
November 13, 2023	1.55	1.18	0.82	78,129.7	20	11	10	0.0	
January 25, 2024	1.45	1.81	0.89	79,882.6	21	10	10	0	
April 11, 2024	1.89	1.54	0.67	81,730.60	21	10	10	0.1	

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	SSDS Monitoring Points													
	Factory Building										Garage & Perimeter			
	MP1-1 (in. w.c.)	MP1-2 (in. w.c.)	MP2-1 (in. w.c.)	MP2-2 (in. w.c.)	MP3-1 (in. w.c.)	MP3-2 (in. w.c.)	MP4-1 (in. w.c.)	MP4-2 (in. w.c.)	MP5-1 (in. w.c.)	MP5-2 (in. w.c.)	MP6-1 (in. w.c.)	MP6-2 (in. w.c.)	MP6-3 (in. w.c.)	MP7-1 (in. w.c.)
June 9, 2015	N/A	0.03	0.000	0.367	0.11	N/A	0.007	1.155	0.017	0.01	0.164	0.084	N/A	1.978
July 29, 2015	0.042	0.042	0.009	0.135	0.034	0.019	N/A	1.178	N/A	0.012	0.129	0.094	0.038	1.838
August 6, 2015	0.119	0.041	0.009	0.386	0.032	0.008	0.030	1.168	0.021	0.118	0.131	0.092	0.039	1.808
September 11, 2015	0.111	0.049	0.008	0.393	0.035	0.010	0.035	1.177	0.019	0.120	0.129	0.040	0.090	1.799
December 31, 2015	0.123	0.031	0.008	N/A	0.024	0.010	0.025	0.991	0.008	0.189	0.124	0.266	0.011	2.259
January 21, 2016	0.112	0.020	0.008	N/A	0.013	0.013	0.023	0.915	0.021	0.278	0.105	0.230	0.066	1.963
March 22, 2016	0.104	0.024	0.007	0.025	0.023	0.014	0.020	0.891	0.011	0.375	0.114	0.252	0.075	2.112
April 22, 2016	0.155	0.026	0.004	0.759	0.015	0.012	0.017	0.898	0.017	0.098	0.117	0.258	0.076	5.733
May 27, 2016	0.109	0.034	0.006	0.549	0.021	0.010	0.025	0.912	0.022	0.205	0.131	0.267	0.081	2.064
June 21, 2016	0.122	0.030	0.009	0.261	0.019	0.012	0.022	0.940	0.014	0.240	0.128	0.269	0.086	2.021
March 22, 2017	0.087	0.019	0.021	0.219	0.007	0.010	0.014	0.847	0.004	0.401	0.125	0.246	0.083	2.014
May 5, 2017	0.101	0.021	0.006	0.205	0.005	0.011	0.019	0.889	0.026	0.071	0.191	0.254	N/A	2.309
July 21, 2017	0.118	0.036	0.012	0.236	0.007	0.014	0.020	0.938	0.008	0.101	0.128	0.244	0.082	1.944
December 13, 2017	0.086	0.022	0.006	0.194	0.011	0.011	0.016	0.877	0.012	0.329	0.129	0.248	0.080	1.933
February 12, 2018	0.118	0.040	0.009	0.089	0.031	0.010	0.032	1.155	0.027	0.118	0.134	0.035	0.091	1.808
May 15, 2018	0.104	0.023	0.009	0.195	0.008	0.014	0.019	0.883	0.012	0.015	0.129	1.950	0.080	2.080
August 16, 2018	0.110	0.032	0.005	0.229	0.007	0.009	0.023	0.937	0.011	0.010	0.127	0.222	0.085	1.883
October 3, 2018	0.109	0.028	0.006	0.253	0.008	0.010	0.044	0.927	0.010	0.010	0.124	0.244	0.078	2.123
January 16, 2019	0.121	0.022	0.009	0.180	0.008	0.009	0.019	0.860	0.012	0.119	0.128	0.235	0.095	1.969
April 5, 2019	0.119	0.020	0.004	0.191	0.007	0.010	0.015	0.850	0.004	0.008	0.109	0.228	0.068	1.845
August 2, 2019	0.108	0.022	0.006	0.196	0.008	0.010	0.022	0.910	0.009	0.008	0.120	0.221	0.082	2.070
December 23, 2019	0.119	0.025	0.007	0.182	0.007	0.012	0.019	0.854	0.010	0.006	0.112	0.192	0.068	1.745
March 31, 2020	0.135	0.026	0.008	0.190	0.006	0.009	0.023	0.852	0.010	0.007	0.115	0.192	0.073	1.871
June 17, 2020	0.109	0.024	0.008	0.214	0.008	0.013	0.020	0.904	0.011	0.011	0.112	0.201	0.081	1.591
September 16, 2020	0.105	0.021	0.020	0.210	0.010	0.010	0.040	0.922	0.013	0.009	0.118	0.190	0.104	1.370
December 8, 2020	--	0.022	0.005	0.214	0.007	0.007	0.016	0.872	0.010	0.014	0.161	0.258	--	1.371
December 9, 2020	--	0.030	0.013	0.331	0.015	0.012	0.013	0.504	0.023	0.011	0.162	0.252	0.103	1.335
December 15, 2020	0.147	--	--	--	--	--	--	--	--	--	--	--	--	--
March 29, 2021	0.167	0.028	0.066	0.298	0.010	0.011	0.012	0.459	0.021	0.009	0.156	0.231	0.120	1.392
June 30, 2021	0.159	0.032	0.059	0.303	0.011	0.013	0.012	0.472	0.024	0.008	0.149	0.241	0.117	1.399
September 30, 2021	0.144	0.032	0.065	0.314	0.013	0.012	0.011	0.489	0.029	0.008	0.152	0.233	0.121	1.389
December 28, 2021	0.136	0.037	0.061	0.285	0.015	0.013	0.012	0.482	0.025	0.009	0.150	0.227	0.126	1.390
March 24, 2022	0.148	0.039	0.058	0.278	0.017	0.015	0.013	0.411	0.021	0.009	0.179	0.254	0.127	1.407
June 30, 2022	0.144	0.034	0.056	0.272	0.016	0.013	0.012	0.428	0.024	0.009	0.168	0.232	0.122	1.398
December 16, 2022	0.145	0.026	0.005	0.335	0.005	0.012	0.006	0.500	0.009	0.010	0.220	0.220	0.121	1.420
January 25, 2023	0.145	0.031	0.006	0.332	0.005	0.007	0.012	0.504	0.006	0.016	0.153	0.215	0.11	1.287
June 30, 2023	0.150	0.028	0.005	0.330	0.007	0.008	0.010	0.489	0.007	0.012	0.202	0.217	0.162	1.201
September 27, 2023	0.139	0.037	0.021	0.297	0.016	0.018	0.013	0.445	0.020	0.010	0.166	0.240	0.171	1.481
November 13, 2023	0.148	0.031	0.000 ¹	0.367	0.004	0.020	0.011	0.513	0.008	0.005	0.159	0.219	0.104	1.046
January 25, 2024	0.148	0.029	0.008	0.322	0.005	0.025	0.019	0.491	0.015	0.005	0.172	0.204	0.098	1.127
April 11, 2024	0.154	0.023	0.006	0.342	0.003 ²	0.008	0.012	0.494	0.005	0.004	0.182	0.211	0.107	0.144

Notes:

Zone 1: SSDS Green Line, Blower 2
Zone 2: SSDS Purple Line, Blower 2
Zone 3: SSDS Orange Line, Blower 2
Zone 4: SSDS Red Line, Blower 1
Zone 5: SSDS Blue Line, Blower 1
Zone 6: SSDS Garage Line, Garage Blower
Zone 7: SSDS Perimeter East/West Line, Garage Blower
MP2-1 installed incorrectly. Corrected on July 7, 2015
N/A: measurement was not collected, point inaccessible

Vacuum readings were previously reported in negative pressure (shown as negative value). This was corrected by reporting vacuum readings as positive values.

SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of vacuum. Effluent reported in terms of pressure.

¹On November 13, 2023, the reading at MP2-1 was 0.000 in. wc.. All readings before November 2023 met the minimum vacuum of 0.004 in. wc. Furthermore, the vacuum reading at MP2-1 on January 25, 2024 was 0.006 in. w.c, which meets the minimum requirement. The reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

²On April 11, 2024, the reading at MP3-1 was 0.003 in. wc.. All readings before April 2024 met the minimum vacuum of 0.004 in. wc. The reading at MP3-1 in April 2024 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

Second Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

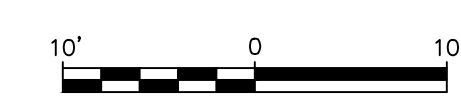
ATTACHMENT 2

Factory Building SSDS As-Builts

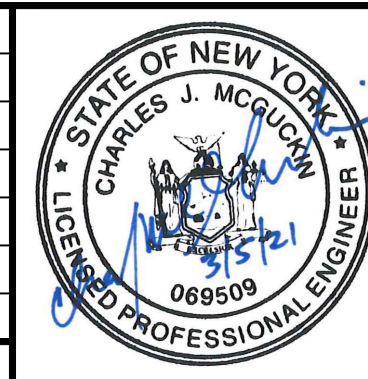


- LEGEND
- EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 1)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 1)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 2)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 2)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 3)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 3)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 4)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 4)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 5)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 5)
 - EXISTING VACUUM MONITORING POINT
 - BLOWER LOCATION

AS-BUILT DRAWINGS

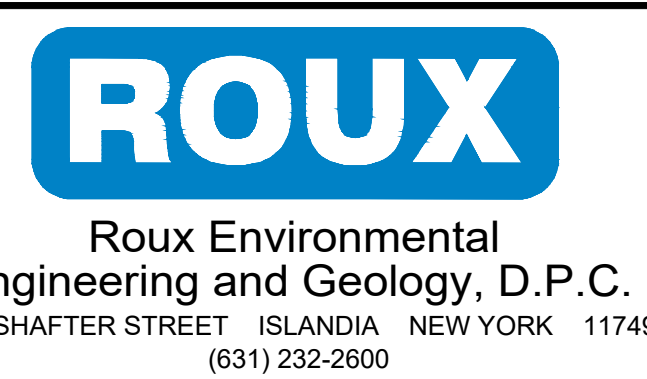


NO.	DATE	REVISION DESCRIPTION	BY
2	11/25/14	AS-BUILTS	C.P.
1	3/13/12	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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PROJECT NAME:
FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139
PROJECT FOR:
WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK

TITLE:
FACTORY BUILDING SSDS
AS-BUILTS

Second Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 3

Garage SSDS As-Builts



LEGEND

- EXISTING 6" SUB-SLAB VAPOR COLLECTION PIPE
- EXISTING 6" SOLID SUB-SLAB HEADER PIPE
- EXISTING 6" EXTERNAL VAPOR COLLECTION PIPE
- EXISTING 6" SOLID VAPOR COLLECTION PIPE HUNG FROM GARAGE CEILING
- EXISTING VACUUM MONITORING POINT
- BLOWER LOCATION

NO.	DATE	REVISION DESCRIPTION	BY
1	11/29/14	AS-BUILTS	C.P.
2	12/15/17	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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PROJECT NAME:
**FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139**

PROJECT FOR:
**WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK**

TITLE:
GARAGE SSDS AS-BUILTS

PLATE
2

October 11, 2024

Mr. Christopher Grady
New York State Department of Environmental Conservation
50 Circle Road
Stony Brook, New York 11790

Re: SSDS Pressure Monitoring Summary
Third Quarter 2024
Bulova Watch Factory Site No. 152139
15 Church Street, Village of Sag Harbor, New York

Dear Mr. Grady:

On behalf of the Watchcase Factory Condominium, Roux Environmental Engineering and Geology, D.P.C. (Roux) is submitting this letter report summarizing the results of the sub-slab depressurization system (SSDS) monitoring activities performed at the Bulova Watch Factory Site No. 152139, 15 Church Street, Village of Sag Harbor, New York (Site), during the Third Quarter of 2024, on July 17, 2024. SSDS monitoring activities were conducted to confirm that the system is performing as designed in accordance with the January 27, 2009 Site Management Plan (SMP), the May 7, 2012 SMP Addendum No. 1, the October 2017 SMP Addendum No. 2, the March 2021 SMP Addendum No. 3, and the January 20, 2015 Operation, Maintenance, and Monitoring (OM&M) Plan submitted to the New York State Department of Environmental Conservation (NYSDEC). A brief description of SSDS operations and monitoring results during the Third Quarter 2024 reporting period are provided below. Please note that, at the request of the NYSDEC, all monitoring point measurements have been adjusted to reflect the values as negative pressure readings compared to the previous reporting as positive vacuum values.

In addition to the monitoring activities described below, five monitoring wells were sampled and the effluent from the SSDSs were sampled on July 17, 2024. The results of all five monitoring wells (WCF-3D, WCF-3S, WCF-10, MW-2, MW-11) and the SSDS effluent samples will be reported in the next periodic review report.

SSDS

The SSDS consists of a two-blower system in the former factory building (Factory Building SSDS) and a separate one-blower system beneath the garage (Garage SSDS). The SSDS consists of five vapor-collection piping legs beneath the factory building, one vapor-collection piping leg beneath the garage, and one vapor-collection piping leg around the perimeter of the garage adjacent to the retaining wall. Vacuum readings for each piping leg were collected at the SSDS monitoring points. There are two monitoring points for each piping leg in the factory building, three monitoring points for the garage piping leg, and one monitoring point for the perimeter piping leg (Plates 1 and 2).

The Factory Building and Garage SSDSs are required to maintain a pressure of -0.004 inches of water column (in. w.c.) or less pressure at the monitoring points. The SSDSs are equipped with visual and electronic monitoring devices to verify performance within the required range of pressure. Each individual SSDS leg is equipped with a vacuum gauge and a data logger, which are designed to record pressure readings to -0.001 in. w.c. Each data logger displays a digital readout to provide real-time indications that the system is operating properly and records the most recent three months of vacuum readings for reference, if necessary. An electronic auto-dialer will automatically contact Roux personnel, building management, and/or maintenance staff if a system interruption occurs.

Quarterly SSDS Inspection and Monitoring

Third Quarter 2024 SSDS inspection and monitoring activities were performed on July 17, 2024. In addition to visual inspections of the SSDS mechanical and above-grade piping components, the following parameters were monitored:

- Vacuum/pressure and air flow readings at the blower inlet and outlet;
- Vacuum readings at the moisture separator tank;
- Vacuum readings at the SSDS monitoring points; and
- Photoionization detector (PID) readings at the blower outlets.

During the Site visit, pressure readings were collected at each SSDS monitoring point using a handheld micromanometer. Pressure monitoring results from SSDS start-up through the Third Quarter of 2024 are summarized in Table 1 (attached). A review of Table 1 indicates that the Factory Building and Garage SSDSs were operating properly (i.e., maintaining a pressure of -0.004 in. w.c. or less pressure at each monitoring point).

If you have any questions or require additional information regarding this monitoring summary, please feel free to contact the undersigned at 631-232-2600.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Rachel Fenwick
Project Engineer



Noelle Clarke, P.E.
Principal Engineer

Attachments

1. SSDS Monitoring Summary Table
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Third Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENTS

1. SSDS Monitoring Summary Tables
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Third Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 1

SSDS Monitoring Summary Tables

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Factory Building SSDS														
	SSDS Zones Inside Blower Room					Blower 1					Blower 2				
	Zone 1 (in. w.c.)	Zone 2 (in. w.c.)	Zone 3 (in. w.c.)	Zone 4 (in. w.c.)	Zone 5 (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)
March 6, 2015	-2.50	-2.40	-1.90	-5.80	-6.50	--	-25	-31	--	--	--	-20	-8	--	--
March 12, 2015	-2.58	-2.06	-3.24	-5.93	-6.73	--	--	--	--	--	--	--	--	--	--
March 19, 2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
March 24, 2015	-6.38	-5.76	-3.15	-5.77	-6.46	--	--	--	--	--	--	--	--	--	--
April 2, 2015	-2.51	-2.06	-3.21	-5.81	-6.52	2,750.6	-22	-31	20	0.0	1,943.8	-20	-10	19	0.0
April 7, 2015	-2.44	-2.06	-3.3	-5.64	-6.47	2,871.4	-25	-32	20	0.0	2,064.4	-20	-19	20	0.0
April 14, 2015	-2.59	-1.97	-3.51	-5.38	-6.73	3,040.2	-	-30	20	0.0	2,033.2	-20	-20	20	0.0
April 22, 2015	-2.48	-2.02	-3.24	-5.53	-6.46	3,231.2	-25	-31	20	0.0	2,424.1	-21	-10	18	0.0
May 5, 2015	-2.52	-2.03	-3.19	-5.78	-6.42	3,512.8	-18	-32	20	0.0	2,705.7	-21	-9	18	0.0
May 11, 2015	-2.54	-1.98	-3.28	-5.72	-6.53	3,621.5	-	-31	20	0.0	2,814.4	-21	-10	17	0.0
May 27, 2015	-2.78	-2.26	-3.37	-0.31	-0.46	3,821.9	Blower 1 down since May 23, 2015				3,112.8	-29	-32	6	0.0
June 2, 2015	-2.78	-2.26	-3.4	-0.31	-0.43	3,821.9	Blower 1 down since May 23, 2015				3,256.6	-29	-38	6	0.0
June 9, 2015	-2.44	-2.07	-3.24	-5.66	-6.5	3,833.0	-20	-10	15	--	3,485.2	-24	-30	20	--
July 29, 2015	-2.61	-2.07	-3.24	-5.82	-6.59	4,853.2	-21	-10	19	0.0	4,288.2	-25	-20	20	0.0
August 6, 2015	-2.63	-2.17	-3.31	-5.72	-6.46	5,048.4	-21	-9	18	0.0	4,483.5	-25	-20	20	0.0
September 11, 2015	-2.62	-2.14	-3.3	-5.74	-6.55	5,910.9	-21	-10	19	0.0	5,340.0	-24	-20	19	0.0
December 31, 2015	-2.68	-2.02	-3.3	-5.76	-6.48	8,576.6	-22	-10	18	0.2	8,011.3	-21	-20	20	0.1
January 21, 2016	-2.62	-2.04	-3.25	-5.67	-6.45	9,078.4	-22	-10	18	0.2	8,513.5	-22	-19	19	0.1
March 22, 2016	-2.66	-1.98	-3.31	-5.78	-6.42	10,543.2	-25	-20	20	0.0	9,979.0	-21	-10	18	0.1
April 22, 2016	-2.6	-2.04	-3.26	-5.62	-6.37	11,286.5	-22	-20	20	0.1	10,721.4	-21	-9	18	0.0
May 27, 2016	-2.63	-2.05	-3.24	-5.61	-6.44	12,195.4	-22	-20	20	0.0	11,463.2	-21	-10	18	0.0
June 21, 2016	-2.68	-2.07	-3.2	-5.65	-6.42	12,724.4	-23	-20	20	0.0	12,159.4	-21	-9	18	0.0
March 22, 2017	-2.63	-2.09	-3.29	-5.69	-6.43	19,046.5	--	-20	20	0.0	18,481.0	-21	--	--	--
May 5, 2017	-2.62	-2.03	-2.99	-5.79	-6.47	20,105.3	-21	--	18	0.0	19,540.3	-27	-20	20	0.0
July 21, 2017	-2.68	-1.93	-3.01	-5.79	-5.72	21,953.8	-27	-10	18	0.0	21,388.1	-21	-20	19	0.0
December 13, 2017	-2.66	-1.96	-2.41	-5.62	-6.37	25,433.2	-25	-10	18	0.1	24,868.2	-25	-20	18	0.0
February 12, 2018	-2.60	-2.20	-3.29	-5.75	-6.46	--	-20	-10	18	0.1	--	-25	-20	20	0.0
May 15, 2018	-2.66	-2.01	-2.41	-5.82	-6.53	29,104.8	-24	-10	18	0.0	28,539.7	-25	-20	19	0.0
August 16, 2018	-2.63	-2.08	-2.49	-5.81	-6.58	31,273.0	-26	-9	18	0.0	30,707.0	-22	-20	18	0.0
October 3, 2018	-2.64	-1.98	-2.66	-5.75	-6.52	32,427.7	-24	-10	18	0.0	31,861.0	-22	-20	18	0.0
January 16, 2019	-2.51	-1.98	-2.69	-5.75	-6.46	34,947.8	-22	-8	18	0.0	34,381.6	-24	-18	20	0.0
April 5, 2019	-2.71	-2.14	-2.71	-5.77	-6.65	36,839.8	-22	-10	19	0.0	36,274.5	-24	-20	19	0.0
August 2, 2019	-2.63	-2.20	-2.98	-5.73	-6.58	39,672.0	-22	-10	19	0.0	39,106.7	-24	-20	19	0.0
December 23, 2019	-2.69	-2.10	-2.45	-5.79	-6.52	43,131.3	-26	-10	16	0.0	42,565.8	-19	-20	18	0.0
March 31, 2020	-2.66	-2.10	-2.05	-5.78	-6.54	45,505.2	-	-8	10	0.0	44,939.6	-19	-20	18	0.0
June 17, 2020	-2.64	-2.04	-2.26	-5.79	-6.58	47,375.8	-26	-8	14	0.0	46,810.2	-20	-20	18	0.0
September 16, 2020	-2.12	-2.53	-2.34	-5.87	-6.57	49,669.6	-26	-6	8	0.0	48,994.1	-20	-18	20	0.0
December 8, 2020	-2.76	-2.31	-2.11	-5.55	-6.59	51,555.6	-26	-14	8	0.0	50,990.6	-30	-22	16	0.0
December 9, 2020	-5.09	-5.20	-3.22	-2.72	-3.21	51,580.1	-25	-15	8	0.0	51,014.6	-35	-26	16	0.0
December 15, 2020	-5.17	-5.16	-3.05	-2.42	-4.07	51,721.5	-25	-14	8	0.0	51,155.9	-35	-26	16	0.0
March 29, 2021	-5.26	-5.37	-2.98	-2.36	-4.00	54,058.2	-21	-13	10	0.0	53,492.7	-24	-21	18	0.0
June 30, 2021	-5.19	-5.23	-3.00	-2.41	-3.99	56,290.0	-21	-12	10	0.0	55,725.3	-25	-21	18	0.0
September 30, 2021	-5.27	-5.36	-3.09	-2.45	-4.08	58,498.1	-22	-12	10	0.0	57,932.6	-24	-20	18	0.0
December 28, 2021	-5.27	-5.36	-3.03	-2.43	-4.03	60,635.4	-21	-12	10	0.0	60,069.8	-24	-22	18	0.0
March 24, 2022	-5.18	-5.30	-3.10	-2.52	-4.27	62,698.0	-21	-12	10	0.0	62,132.4	-25	-21	18	0.0
June 30, 2022	-5.17	-5.32	-3.06	-2.45	-4.11	65,050.0	-21	-12	10	0.0	64,484.4	-25	-21	18	0.0
December 16, 2022	-5.30	-5.23	-3.08	-2.61	-4.30	69,109.1	-26	-12	10	0.0	68,543.5	-25	-25	18	0.0
January 25, 2023	-5.55	-5.32	-3.08	-2.5	-4.32	70,067.10	-25	-12	10	0.0	69,501.40	-36	-27	12	0.0
June 30, 2023	-5.48	-5.34	-3.13	-2.5	-4.25	73,809.80	-25	-12	10	0.0	73,244.10	-35	-25	12	0.0
September 27, 2023	-5.82	-5.53	-3.14	-2.61	-4.46	75,995.60	-27	-14	10	0.0	75,379.30	-31	-22	12	0.0
November 13, 2023	-5.72	-5.44	-3.04	-2.63	-4.31	77,073.7	-28	-15	15	0.0	76,507.9	-29	-24	16	0.0
January 25, 2024	-5.65	-5.42	-3.12	-2.54	-4.33	78826.8	-28	-15	11	0	78261.1	-30	-20	13	0
April 11, 2024	-5.57	-5.4	-3.1	-2.53	-4.32	80673.6	-18	-12	12	0.1	80107.8	-32	-26	18	0
July 17, 2024	-5.95	-5.32	-3.04	-2.58	-4.2	83001.1	-23	-16	11	0	82435.3	-28	-20	15	0

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

¹In July 2024 NYSDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report. Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.
²The digital gauges used to monitor the SSDS legs for Zones 1-5 display vacuum (and thus a positive number when reading the gauge). However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Garage & Perimeter SSDS							
	SSDS Zones Inside Blower Room			Garage Blower				
	Perm. E. (in. w.c.)	Perm. W. (in. w.c.)	Garage (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)
March 6, 2015	-2.20	-2.00	-0.90	--	28	19	--	--
March 12, 2015	-2.63	-2.34	-0.52	--	--	--	--	--
March 19, 2015	-2.57	-2.23	-0.56	--	--	--	--	--
March 24, 2015	-2.61	-2.17	-0.51	--	--	--	--	--
April 2, 2015	-2.52	-2.20	-0.51	2,859.4	24	11	2.2	0.0
April 7, 2015	-2.67	-2.24	-0.53	2,980.0	24	27	2.5	0.0
April 14, 2015	-2.88	-2.39	-0.57	3,148.8	27	18	2	0.0
April 22, 2015	-2.89	-2.48	-0.58	3,340.4	27	18	2	0.0
May 5, 2015	-2.72	-2.23	-0.61	3,651.1	27	19	2	0.0
May 11, 2015	-2.61	-2.18	-0.51	3,796.6	27	19	2	0.0
May 27, 2015	-2.59	-2.16	-0.57	4,179.4	27	19	2	0.0
June 2, 2015	-2.7	-2.28	-0.68	4,323.1	28	18	2	0.0
June 9, 2015	-2.72	-2.12	-0.57	4,492.1	28	18	2	0.0
July 29, 2015	-2.48	-2.02	-0.66	5,502.1	27	19	2	0.0
August 6, 2015	-2.45	-1.95	-0.56	5,698.0	27	18	2	0.0
September 11, 2015	-2.88	-2.34	-0.52	6,559.7	27	19	2	0.0
December 31, 2015	-2.94	-2.52	-0.64	9,226.1	27	19	2	0.0
January 21, 2016	-2.68	-2.24	-0.56	9,727.9	27	19	2	0.2
March 22, 2016	-2.79	-2.33	-0.62	11,192.6	27	19	2	0.1
April 22, 2016	-2.68	-2.17	-0.57	11,836.2	27	18	2	0.0
May 27, 2016	-2.72	-2.14	-0.63	12,482.2	27	18	2	0.0
June 21, 2016	-2.65	-2.26	-0.59	13,373.5	27	19	2	0.0
March 22, 2017	-2.71	-2.21	-0.61	--	28	18	2	0.0
May 5, 2017	-2.96	-2.55	-0.59	--	27	19	2	0.0
July 21, 2017	-2.62	-2.14	-0.68	22,856.7	25	18	2	0.0
December 13, 2017	-2.59	-2.17	-0.53	26,335.8	25	18	2	0.0
February 12, 2018	-2.52	-1.97	-0.54	--	25	18	2	0.0
May 15, 2018	-2.70	-2.24	-0.52	30,007.3	-26	-18	2	0.0
August 16, 2018	-2.51	-2.06	-0.60	32,115.6	-27	-19	2	0.0
October 3, 2018	-2.29	-2.69	-0.58	33,329.5	-27	-18	2	0.1
January 16, 2019	-2.57	-2.14	-0.53	35,849.1	-27	-18	2	0.0
April 5, 2019	-2.49	-1.99	-0.56	37,741.0	-27	-18	2	0.0
August 2, 2019	-2.68	-2.34	-0.54	40,573.2	-27	-18	2	0.0
December 23, 2019	-2.26	-1.77	-0.53	44,034.1	-25	-15	2	0.0
March 31, 2020	-2.39	-1.77	-0.45	46,406.5	-23	-16	2	0.0
June 17, 2020	-2.15	-1.75	-0.61	48,278.5	-25	-16	3	0.0
September 16, 2020	-2.06	-1.52	-0.53	50,461.1	-25	-10	2	0.0
December 8, 2020	-1.45	-1.82	-0.83	52,457.5	-25	-15	2	0.0
December 9, 2020	-1.45	-1.80	-0.85	52,482.0	-21	-10	2	0.0
December 15, 2020	--	--	--	52,482.0	--	--	2	--
March 29, 2021	-1.91	-1.65	-0.94	55,113.9	-20	-10	10	0.0
June 30, 2021	-1.37	-1.74	-0.83	57,346.4	-21	-10	10	0.0
September 30, 2021	-1.69	-1.35	-0.92	59,554.1	-20	-10	10	0.0
December 28, 2021	-1.75	-1.40	-0.88	61,691.3	-20	-10	10	0.0
March 24, 2022	-2.10	-1.69	-0.93	63,753.9	-20	-10	10	0.0
June 30, 2022	-2.05	-1.62	-0.90	66,106.9	-20	-10	10	0.0
December 16, 2022	-2.06	-1.55	-0.96	70,164.8	-21	-10	10	0.0
January 25, 2023	-1.76	-1.38	-0.77	71,123.40	-19	-11	10	0.0
June 30, 2023	-1.5	-1.21	-0.96	74,865.60	-22	-10	10	0.0
September 27, 2023	-1.72	-1.3	-0.92	77,001.20	-20	-10	10	0.0
November 13, 2023	-1.55	-1.18	-0.82	78,129.7	-20	-11	10	0.0
January 25, 2024	-1.45	-1.81	-0.89	79882.6	-21	-10	10	0
April 11, 2024	-1.89	-1.54	-0.67	81,730.60	-21	-10	10	0.1
July 17, 2024	-1.65	-1.22	-0.29	84,057.30	-20	-11	10	0

Notes:

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Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.

²The digital gauges used to monitor the SSDS legs for the Per. E, Perm. W, and Garage zones display vacuum (and thus a positive number when reading the gauge). However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	SSDS Monitoring Points												
	Factory Building										Garage & Perimeter		
	MP1-1 (in. w.c.)	MP1-2 (in. w.c.)	MP2-1 (in. w.c.)	MP2-2 (in. w.c.)	MP3-1 (in. w.c.)	MP3-2 (in. w.c.)	MP4-1 (in. w.c.)	MP4-2 (in. w.c.)	MP5-1 (in. w.c.)	MP5-2 (in. w.c.)	MP6-1 (in. w.c.)	MP6-2 (in. w.c.)	MP7-1 (in. w.c.)
June 9, 2015	N/A	-0.03	0.000	-0.367	-0.11	N/A	-0.007	-1.155	-0.017	-0.01	-0.164	-0.084	N/A
July 29, 2015	-0.042	-0.042	-0.009	-0.135	-0.034	-0.019	N/A	-1.178	N/A	-0.012	-0.129	-0.094	-0.038
August 6, 2015	-0.119	-0.041	-0.009	-0.386	-0.032	-0.008	-0.030	-1.168	-0.021	-0.118	-0.131	-0.092	-0.039
September 11, 2015	-0.111	-0.049	-0.008	-0.393	-0.035	-0.010	-0.035	-1.177	-0.019	-0.120	-0.129	-0.040	-0.090
December 31, 2015	-0.123	-0.031	-0.008	N/A	-0.024	-0.010	-0.025	-0.991	-0.008	-0.189	-0.124	-0.266	-0.011
January 21, 2016	-0.112	-0.020	-0.008	N/A	-0.013	-0.013	-0.023	-0.915	-0.021	-0.278	-0.105	-0.230	-0.066
March 22, 2016	-0.104	-0.024	-0.007	-0.025	-0.023	-0.014	-0.020	-0.891	-0.011	-0.375	-0.114	-0.252	-0.075
April 22, 2016	-0.155	-0.026	-0.004	-0.759	-0.015	-0.012	-0.017	-0.898	-0.017	-0.098	-0.117	-0.258	-0.076
May 27, 2016	-0.109	-0.034	-0.006	-0.549	-0.021	-0.010	-0.025	-0.912	-0.022	-0.205	-0.131	-0.267	-0.081
June 21, 2016	-0.122	-0.030	-0.009	-0.261	-0.019	-0.012	-0.022	-0.940	-0.014	-0.240	-0.128	-0.269	-0.086
March 22, 2017	-0.087	-0.019	-0.021	-0.219	-0.007	-0.010	-0.014	-0.847	-0.004	-0.401	-0.125	-0.246	-0.083
May 5, 2017	-0.101	-0.021	-0.006	-0.205	-0.005	-0.011	-0.019	-0.889	-0.026	-0.071	-0.191	-0.254	N/A
July 21, 2017	-0.118	-0.036	-0.012	-0.236	-0.007	-0.014	-0.020	-0.938	-0.008	-0.101	-0.128	-0.244	-0.082
December 13, 2017	-0.086	-0.022	-0.006	-0.194	-0.011	-0.011	-0.016	-0.877	-0.012	-0.329	-0.129	-0.248	-0.080
February 12, 2018	-0.118	-0.040	-0.009	-0.089	-0.031	-0.010	-0.032	-1.155	-0.027	-0.118	-0.134	-0.035	-0.091
May 15, 2018	-0.104	-0.023	-0.009	-0.195	-0.008	-0.014	-0.019	-0.883	-0.012	-0.015	-0.129	-1.950	-0.080
August 16, 2018	-0.110	-0.032	-0.005	-0.229	-0.007	-0.009	-0.023	-0.937	-0.011	-0.010	-0.127	-0.222	-0.085
October 3, 2018	-0.109	-0.028	-0.006	-0.253	-0.008	-0.010	-0.044	-0.927	-0.010	-0.010	-0.124	-0.244	-0.078
January 16, 2019	-0.121	-0.022	-0.009	-0.180	-0.008	-0.009	-0.019	-0.860	-0.012	-0.119	-0.128	-0.235	-0.095
April 5, 2019	-0.119	-0.020	-0.004	-0.191	-0.007	-0.010	-0.015	-0.850	-0.004	-0.008	-0.109	-0.228	-0.068
August 2, 2019	-0.108	-0.022	-0.006	-0.196	-0.008	-0.010	-0.022	-0.910	-0.009	-0.008	-0.120	-0.221	-0.082
December 23, 2019	-0.119	-0.025	-0.007	-0.182	-0.007	-0.012	-0.019	0.854	-0.010	-0.006	-0.112	-0.192	-0.068
March 31, 2020	-0.135	-0.026	-0.008	-0.190	-0.006	-0.009	-0.023	-0.852	-0.010	-0.007	-0.115	-0.192	-0.073
June 17, 2020	-0.109	-0.024	-0.008	-0.214	-0.008	-0.013	-0.020	-0.904	-0.011	-0.011	-0.112	-0.201	-0.081
September 16, 2020	-0.105	-0.021	-0.020	-0.210	-0.010	-0.010	-0.040	-0.922	-0.013	-0.009	-0.118	-0.190	-0.104
December 8, 2020	--	-0.022	-0.005	-0.214	-0.007	-0.007	-0.016	-0.872	-0.010	-0.014	-0.161	-0.258	--
December 9, 2020	--	-0.030	-0.013	-0.331	-0.015	-0.012	-0.013	-0.504	-0.023	-0.011	-0.162	-0.252	-0.103
December 15, 2020	-0.147	--	--	--	--	--	--	--	--	--	--	--	--
March 29, 2021	-0.167	-0.028	-0.066	-0.298	-0.010	-0.011	-0.012	-0.459	-0.021	-0.009	-0.156	-0.231	-0.120
June 30, 2021	-0.159	-0.032	-0.059	-0.303	-0.011	-0.013	-0.012	-0.472	-0.024	-0.008	-0.149	-0.241	-0.117
September 30, 2021	-0.144	-0.032	-0.065	-0.314	-0.013	-0.012	-0.011	-0.489	-0.029	-0.008	-0.152	-0.233	-0.121
December 28, 2021	-0.136	-0.037	-0.061	-0.285	-0.015	-0.013	-0.012	-0.482	-0.025	-0.009	-0.150	-0.227	-0.126
March 24, 2022	-0.148	-0.039	-0.058	-0.278	-0.017	-0.015	-0.013	-0.411	-0.021	-0.009	-0.179	-0.254	-0.127
June 30, 2022	-0.144	-0.034	-0.056	-0.272	-0.016	-0.013	-0.012	-0.428	-0.024	-0.009	-0.168	-0.232	-0.122
December 16, 2022	-0.145	-0.026	-0.005	-0.335	-0.005	-0.012	-0.006	-0.500	-0.009	-0.010	-0.220	-0.220	-0.121
January 25, 2023	-0.145	-0.031	-0.006	-0.332	-0.005	-0.007	-0.012	-0.504	-0.006	-0.016	-0.153	-0.215	-0.11
June 30, 2023	-0.150	-0.028	-0.005	-0.330	-0.007	-0.008	-0.010	-0.489	-0.007	-0.012	-0.202	-0.217	-0.162
September 27, 2023	-0.139	-0.037	-0.021	-0.297	-0.016	-0.018	-0.013	-0.445	-0.020	-0.010	-0.166	-0.240	-0.171
November 13, 2023	-0.148	-0.031	0.000 ¹	-0.367	-0.004	-0.020	-0.011	-0.513	-0.008	-0.005	-0.159	-0.219	-0.104
January 25, 2024	-0.148	-0.029	-0.008	-0.322	-0.005	-0.025	-0.019	-0.491	-0.015	-0.005	-0.172	-0.204	-0.098
April 11, 2024	-0.154	-0.023	-0.006	-0.342	-0.003 ²	-0.008	-0.012	-0.494	-0.005	-0.004	-0.182	-0.211	-0.107
July 17, 2027	-0.182	-0.036	-0.009	-1.356	-0.009	-0.009	-0.019	-0.535	-0.009	-0.009	-0.166	-0.246	-0.137

Notes:

Zone 1: SSDS Green Line, Blower 2
Zone 2: SSDS Purple Line, Blower 2
Zone 3: SSDS Orange Line, Blower 2
Zone 4: SSDS Red Line, Blower 1
Zone 5: SSDS Blue Line, Blower 1
Zone 6: SSDS Garage Line, Garage Blower
Zone 7: SSDS Perimeter East/West Line, Garage Blower
MP2-1 installed incorrectly. Corrected on July 7, 2015
N/A: measurement was not collected, point inaccessible

¹In July 2024 NYSDDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report.

Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.

²On November 13, 2023, the reading at MP2-1 was 0.000 in. w.c.. All readings before November 2023 met the maximum pressure of -0.004 in. w.c. Furthermore, the Pressure reading at MP2-1 on January 25, 2024 was -0.006 in. w.c., which meets the maximum requirement. The reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

³On April 11, 2024, the reading at MP3-1 was -0.003 in. w.c.. All readings before April 2024 met the minimum pressure of -0.004 in. w.c. The reading at MP3-1 in April 2024 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

Third Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 2

Factory Building SSDS As-Builts

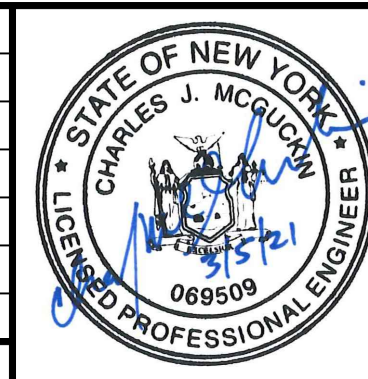


- LEGEND
- EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 1)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 1)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 2)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 2)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 3)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 3)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 4)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 4)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 5)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 5)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 6)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 6)
 - EXISTING VACUUM MONITORING POINT
 - BLOWER LOCATION

AS-BUILT DRAWINGS

1" = 10'

NO.	DATE	REVISION DESCRIPTION	BY
2	11/25/14	AS-BUILTS	C.P.
1	3/13/12	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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PROJECT NAME:
FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139
PROJECT FOR:
WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK

TITLE:
FACTORY BUILDING SSDS
AS-BUILTS

Third Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 3

Garage SSDS As-Builts



LEGEND

- EXISTING 6" SUB-SLAB VAPOR COLLECTION PIPE
- EXISTING 6" SOLID SUB-SLAB HEADER PIPE
- EXISTING 6" EXTERNAL VAPOR COLLECTION PIPE
- EXISTING 6" SOLID VAPOR COLLECTION PIPE HUNG FROM GARAGE CEILING
- EXISTING VACUUM MONITORING POINT
- BLOWER LOCATION

NO.	DATE	REVISION DESCRIPTION	BY
1	11/29/14	AS-BUILTS	C.P.
2	12/15/17	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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PROJECT NAME:
**FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139**

PROJECT FOR:
**WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK**

TITLE:
GARAGE SSDS AS-BUILTS

PLATE
2

January 16, 2025

Mr. Christopher Grady
New York State Department of Environmental Conservation
50 Circle Road
Stony Brook, New York 11790

Re: SSDS Pressure Monitoring Summary
Fourth Quarter 2024
Bulova Watch Factory Site No. 152139
15 Church Street, Village of Sag Harbor, New York

Dear Mr. Grady:

On behalf of the Watchcase Factory Condominium, Roux Environmental Engineering and Geology, D.P.C. (Roux), is submitting this letter report summarizing the results of the sub-slab depressurization system (SSDS) monitoring activities performed at the Bulova Watch Factory Site No. 152139, 15 Church Street, Village of Sag Harbor, New York (Site), during the Fourth Quarter of 2024, on November 7, 2024. SSDS monitoring activities were conducted to confirm that the system is performing as designed in accordance with the January 27, 2009 Site Management Plan (SMP), the May 7, 2012 SMP Addendum No. 1, the October 2017 SMP Addendum No. 2, the March 2021 SMP Addendum No. 3, and the January 20, 2015 Operation, Maintenance, and Monitoring (OM&M) Plan submitted to the New York State Department of Environmental Conservation (NYSDEC). A brief description of SSDS operations and monitoring results during the Fourth Quarter 2024 reporting period are provided below. Please note that, at the request of the NYSDEC, all monitoring point measurements have been adjusted to reflect the values as negative pressure readings compared to the previous reporting as positive vacuum values.

SSDS

The SSDS consists of a two-blower system in the former factory building (Factory Building SSDS) and a separate one-blower system beneath the garage (Garage SSDS). The SSDS consists of five vapor-collection piping legs beneath the factory building, one vapor-collection piping leg beneath the garage, and one vapor-collection piping leg around the perimeter of the garage adjacent to the retaining wall. Vacuum readings for each piping leg were collected at the SSDS monitoring points. There are two monitoring points for each piping leg in the factory building, three monitoring points for the garage piping leg, and one monitoring point for the perimeter piping leg (Plates 1 and 2).

The Factory Building and Garage SSDSs are required to maintain a pressure of -0.004 inches of water column (in. w.c.) or less pressure at the monitoring points. The SSDSs are equipped with visual and electronic monitoring devices to verify performance within the required range of pressure. Each individual SSDS leg is equipped with a vacuum gauge and a data logger, which are designed to record pressure readings to -0.001 in. w.c. Each data logger displays a digital readout to provide real-time indications that the system is operating properly and records the most recent three months of vacuum readings for reference, if necessary. An electronic auto-dialer will automatically contact Roux personnel, building management, and/or maintenance staff if a system interruption occurs.

Quarterly SSDS Inspection and Monitoring

Fourth Quarter 2024 SSDS inspection and monitoring activities were performed on November 7, 2024. In addition to visual inspections of the SSDS mechanical and above-grade piping components, the following parameters were monitored:

- Vacuum/pressure and air flow readings at the blower inlet and outlet;
- Vacuum readings at the moisture separator tank;
- Vacuum readings at the SSDS monitoring points; and
- Photoionization detector (PID) readings at the blower outlets.

During the Site visit, pressure readings were collected at each SSDS monitoring point using a handheld micromanometer. Pressure monitoring results from SSDS start-up through the Fourth Quarter of 2024 are summarized in Table 1 (attached). A review of Table 1 indicates that the Factory Building and Garage SSDSs were operating properly (i.e., maintaining a pressure of -0.004 in. w.c. or less pressure at each monitoring point).

If you have any questions or require additional information regarding this monitoring summary, please feel free to contact the undersigned at 631-232-2600.

Sincerely,

ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.



Rachel Fenwick
Project Engineer



Noelle Clarke, P.E.
Principal Engineer

Attachments

1. SSDS Monitoring Summary Table
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Fourth Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENTS

1. SSDS Monitoring Summary Tables
2. Factory Building SSDS As-Builts
3. Garage SSDS As-Builts

Fourth Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 1

SSDS Monitoring Summary Tables

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Factory Building SSDS															
	SSDS Zones Inside Blower Room					Blower 1					Blower 2					
	Zone 1 (in. w.c.)	Zone 2 (in. w.c.)	Zone 3 (in. w.c.)	Zone 4 (in. w.c.)	Zone 5 (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	Runtime (hours)	Influent (in. w.c.)	K.O (in. w.c.)	Effluent (in. w.c.)	PID (ppm)	
March 6, 2015	-2.50	-2.40	-1.90	-5.80	-6.50	--	-25	-31	--	--	--	-20	-8	--	--	
March 12, 2015	-2.58	-2.06	-3.24	-5.93	-6.73	--	--	--	--	--	--	--	--	--	--	
March 19, 2015	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
March 24, 2015	-6.38	-5.76	-3.15	-5.77	-6.46	--	--	--	--	--	--	--	--	--	--	
April 2, 2015	-2.51	-2.06	-3.21	-5.81	-6.52	2,750.6	-22	-31	20	0.0	1,943.8	-20	-10	19	0.0	
April 7, 2015	-2.44	-2.06	-3.3	-5.64	-6.47	2,871.4	-25	-32	20	0.0	2,064.4	-20	-19	20	0.0	
April 14, 2015	-2.59	-1.97	-3.51	-5.98	-6.73	3,040.2	--	-30	--	0.0	2,033.2	-20	-20	20	0.0	
April 22, 2015	-2.48	-2.02	-3.24	-5.53	-6.46	3,231.2	-25	-31	20	0.0	2,424.1	-21	-10	18	0.0	
May 5, 2015	-2.52	-2.03	-3.19	-5.78	-6.42	3,512.8	-18	-32	20	0.0	2,705.7	-21	-9	18	0.0	
May 11, 2015	-2.54	-1.98	-3.28	-5.72	-6.53	3,621.5	--	-31	20	0.0	2,814.4	-21	-10	17	0.0	
May 27, 2015	-2.78	-2.26	-3.37	-0.31	-0.46	3,821.9	Blower 1 down since May 23, 2015					3,112.8	-29	-32	6	0.0
June 2, 2015	-2.78	-2.26	-3.4	-0.31	-0.43	3,821.9	Blower 1 down since May 23, 2015					3,256.6	-29	-38	6	0.0
June 9, 2015	-2.44	-2.07	-3.24	-5.66	-6.5	3,833.0	-20	-10	15	--	3,485.2	-24	-30	20	--	
July 29, 2015	-2.61	-2.07	-3.24	-3.82	-6.59	4,853.2	-21	-10	19	0.0	4,288.2	-25	-20	20	0.0	
August 6, 2015	-2.63	-2.17	-3.31	-5.72	-6.46	5,048.4	-21	-9	18	0.0	4,483.5	-25	-20	20	0.0	
September 11, 2015	-2.62	-2.14	-3.3	-5.74	-6.55	5,910.9	-21	-10	19	0.0	5,340.0	-24	-20	19	0.0	
December 31, 2015	-2.68	-2.02	-3.3	-5.76	-6.48	8,576.6	-22	-10	18	0.2	8,011.3	-21	-20	20	0.1	
January 21, 2016	-2.62	-2.04	-3.25	-5.67	-6.45	9,078.4	-22	-10	18	0.2	8,513.5	-22	-19	19	0.1	
March 22, 2016	-2.66	-1.98	-3.31	-5.78	-6.42	10,543.2	-25	-20	20	0.0	9,979.0	-21	-10	18	0.1	
April 22, 2016	-2.6	-2.04	-3.26	-5.62	-6.37	11,286.5	-22	-20	20	0.1	10,721.4	-21	-9	18	0.0	
May 27, 2016	-2.63	-2.05	-3.24	-5.61	-6.44	12,195.4	-22	-20	20	0.0	11,463.2	-21	-10	18	0.0	
June 21, 2016	-2.68	-2.07	-3.2	-5.65	-6.42	12,724.4	-23	-20	20	0.0	12,159.4	-21	-9	18	0.0	
March 22, 2017	-2.63	-2.09	-3.29	-5.69	-6.43	19,046.5	--	-20	20	0.0	18,481.0	-21	--	--	--	
May 5, 2017	-2.62	-2.03	-2.99	-5.79	-6.47	20,105.3	-21	--	18	0.0	19,540.3	-27	-20	20	0.0	
July 21, 2017	-2.68	-1.93	-3.01	-5.79	-5.72	21,953.8	-27	-10	18	0.0	21,388.1	-21	-20	19	0.0	
December 13, 2017	-2.66	-1.96	-2.41	-5.62	-6.37	25,433.2	-25	-10	18	0.1	24,868.2	-25	-20	18	0.0	
February 12, 2018	-2.60	-2.20	-3.29	-5.75	-6.46	--	--	-20	18	0.1	--	-25	-20	20	0.0	
May 15, 2018	-2.66	-2.01	-2.41	-5.82	-6.53	29,104.8	-24	-10	18	0.0	28,539.7	-25	-20	19	0.0	
August 16, 2018	-2.63	-2.08	-2.49	-5.81	-6.58	31,273.0	-26	-9	18	0.0	30,707.0	-22	-20	18	0.0	
October 3, 2018	-2.64	-1.98	-2.66	-5.75	-6.52	32,427.7	-24	-10	18	0.0	31,861.0	-22	-20	18	0.0	
January 16, 2019	-2.51	-1.98	-2.69	-5.75	-6.46	34,947.8	-22	-8	18	0.0	34,381.6	-24	-18	20	0.0	
April 5, 2019	-2.71	-2.14	-2.71	-5.77	-6.65	36,839.8	-22	-10	19	0.0	36,274.5	-24	-20	19	0.0	
August 2, 2019	-2.63	-2.20	-2.98	-5.73	-6.58	39,672.0	-22	-10	19	0.0	39,106.7	-24	-20	19	0.0	
December 23, 2019	-2.69	-2.10	-2.45	-5.79	-6.52	43,131.3	-26	-10	16	0.0	42,565.8	-19	-20	18	0.0	
March 31, 2020	-2.66	-2.10	-2.05	-5.78	-6.54	45,505.2	-	-8	10	0.0	44,939.6	-19	-20	18	0.0	
June 17, 2020	-2.64	-2.04	-2.26	-5.79	-6.58	47,375.8	-26	-8	14	0.0	46,810.2	-20	-20	18	0.0	
September 16, 2020	-2.12	-2.53	-2.34	-5.87	-6.57	49,669.6	-26	-6	8	0.0	48,994.1	-20	-18	20	0.0	
December 8, 2020	-2.76	-2.31	-2.11	-5.55	-6.59	51,555.6	-26	-14	8	0.0	50,990.6	-30	-22	16	0.0	
December 9, 2020	-5.09	-5.20	-3.22	-2.72	-3.21	51,580.1	-25	-15	8	0.0	51,014.6	-35	-26	16	0.0	
December 15, 2020	-5.17	-5.16	-3.05	-2.42	-4.07	51,721.5	-25	-14	8	0.0	51,155.9	-35	-26	16	0.0	
March 29, 2021	-5.26	-5.37	-2.98	-2.36	-4.00	54,058.2	-21	-13	10	0.0	53,492.7	-24	-21	18	0.0	
June 30, 2021	-5.19	-5.23	-3.00	-2.41	-3.99	56,290.0	-21	-12	10	0.0	55,725.3	-25	-21	18	0.0	
September 30, 2021	-5.27	-5.36	-3.09	-2.45	-4.08	58,498.1	-22	-12	10	0.0	57,932.6	-24	-20	18	0.0	
December 28, 2021	-5.27	-5.36	-3.03	-2.43	-4.03	60,635.4	-21	-12	10	0.0	60,069.8	-24	-22	18	0.0	
March 24, 2022	-5.18	-5.30	-3.10	-2.52	-4.27	62,698.0	-21	-12	10	0.0	62,132.4	-25	-21	18	0.0	
June 30, 2022	-5.17	-5.32	-3.06	-2.45	-4.11	65,050.0	-21	-12	10	0.0	64,484.4	-25	-21	18	0.0	
December 16, 2022	-5.30	-5.23	-3.08	-2.61	-4.30	69,109.1	-26	-12	10	0.0	68,543.5	-25	-25	18	0.0	
January 25, 2023	-5.55	-5.32	-3.08	-2.5	-4.32	70,067.10	-25	-12	10	0.0	69,501.40	-36	-27	12	0.0	
June 30, 2023	-5.48	-5.34	-3.13	-2.5	-4.25	73,809.80	-25	-12	10	0.0	73,244.10	-35	-25	12	0.0	
September 27, 2023	-5.82	-5.53	-3.14	-2.61	-4.46	75,995.60	-27	-14	10	0.0	75,379.30	-31	-22	12	0.0	
November 13, 2023	-5.72	-5.44	-3.04	-2.63	-4.31	77,073.7	-28	-15	15	0.0	76,507.9	-29	-24	16	0.0	
January 25, 2024	-5.65	-5.42	-3.12	-2.54	-4.33	78826.8	-28	-15	11	0.0	78261.1	-30	-20	13	0.0	
April 11, 2024	-5.57	-5.4	-3.1	-2.53	-4.32	80673.6	-18	-12	12	0.1	80107.8	-32	-26	18	0.0	
July 17, 2024	-5.95	-5.32	-3.04	-2.58	-4.2	83001.1	-23	-16	11	0.0	82435.3	-28	-20	15	0.0	
November 7, 2024	-5.84	-5.11	-3.07	-2.53	-4.32	85714.1	-25	-18	15	0.0	85148.3	-26	-22	16	0.0	

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
 Perm. W.: SSDS Perimeter West Line, Garage Blower
 Garage: SSDS Garage Line, Garage Blower
 Influent: Blower Influent Vacuum Gauge
 K.O.: Blower Knockout Tank/Moisture Separator Vacuum Gauge
 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 -: measurement was not collected

¹In July 2024 NYSDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report. Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.
²The digital gauges used to monitor the SSDS legs for Zones 1-5 display vacuum (and thus a positive number when reading the gauge). However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	Garage & Perimeter SSDS							
	SSDS Zones Inside Blower Room			Garage Blower				
	Perm. E. (in. w.c.)	Perm. W. (in. w.c.)	Garage (in. w.c.)	Runtime (hours)	Influent (in. w.c.)	K.O. (in. w.c.)	Effluent (in. w.c.)	PID (ppm)
March 6, 2015	-2.20	-2.00	-0.90	--	28	19	--	--
March 12, 2015	-2.63	-2.34	-0.52	--	--	--	--	--
March 19, 2015	-2.57	-2.23	-0.56	--	--	--	--	--
March 24, 2015	-2.61	-2.17	-0.51	--	--	--	--	--
April 2, 2015	-2.52	-2.20	-0.51	2,859.4	24	11	2.2	0.0
April 7, 2015	-2.67	-2.24	-0.53	2,980.0	24	27	2.5	0.0
April 14, 2015	-2.88	-2.39	-0.57	3,148.8	27	18	2	0.0
April 22, 2015	-2.89	-2.48	-0.58	3,340.4	27	18	2	0.0
May 5, 2015	-2.72	-2.23	-0.61	3,651.1	27	19	2	0.0
May 11, 2015	-2.61	-2.18	-0.51	3,796.6	27	19	2	0.0
May 27, 2015	-2.59	-2.16	-0.57	4,179.4	27	19	2	0.0
June 2, 2015	-2.7	-2.28	-0.68	4,323.1	28	18	2	0.0
June 9, 2015	-2.72	-2.12	-0.57	4,492.1	28	18	2	--
July 29, 2015	-2.48	-2.02	-0.66	5,502.1	27	19	2	0.0
August 6, 2015	-2.45	-1.95	-0.56	5,698.0	27	18	2	0.0
September 11, 2015	-2.88	-2.34	-0.52	6,559.7	27	19	2	0.0
December 31, 2015	-2.94	-2.52	-0.64	9,226.1	27	19	2	0.0
January 21, 2016	-2.68	-2.24	-0.56	9,727.9	27	19	2	0.2
March 22, 2016	-2.79	-2.33	-0.62	11,192.6	27	19	2	0.1
April 22, 2016	-2.68	-2.17	-0.57	11,836.2	27	18	2	0.0
May 27, 2016	-2.72	-2.14	-0.63	12,482.2	27	18	2	0.0
June 21, 2016	-2.65	-2.26	-0.59	13,373.5	27	19	2	0.0
March 22, 2017	-2.71	-2.21	-0.61	--	28	18	2	0.0
May 5, 2017	-2.96	-2.55	-0.59	--	27	19	2	0.0
July 21, 2017	-2.62	-2.14	-0.68	22,856.7	25	18	2	0.0
December 13, 2017	-2.59	-2.17	-0.53	26,335.8	25	18	2	0.0
February 12, 2018	-2.52	-1.97	-0.54	--	25	18	2	0.0
May 15, 2018	-2.70	-2.24	-0.52	30,007.3	-26	-18	2	0.0
August 16, 2018	-2.51	-2.06	-0.60	32,115.6	-27	-19	2	0.0
October 3, 2018	-2.29	-2.69	-0.58	33,329.5	-27	-18	2	0.1
January 16, 2019	-2.57	-2.14	-0.53	35,849.1	-27	-18	2	0.0
April 5, 2019	-2.49	-1.99	-0.56	37,741.0	-27	-18	2	0.0
August 2, 2019	-2.68	-2.34	-0.54	40,573.2	-27	-18	2	0.0
December 23, 2019	-2.26	-1.77	-0.53	44,034.1	-25	-15	2	0.0
March 31, 2020	-2.39	-1.77	-0.45	46,406.5	-23	-16	2	0.0
June 17, 2020	-2.15	-1.75	-0.61	48,278.5	-25	-16	3	0.0
September 16, 2020	-2.06	-1.52	-0.53	50,461.1	-25	-10	2	0.0
December 8, 2020	-1.45	-1.82	-0.83	52,457.5	-25	-15	2	0.0
December 9, 2020	-1.45	-1.80	-0.85	52,482.0	-21	-10	2	0.0
December 15, 2020	--	--	--	52,482.0	--	--	2	--
March 29, 2021	-1.91	-1.65	-0.94	55,113.9	-20	-10	10	0.0
June 30, 2021	-1.37	-1.74	-0.83	57,346.4	-21	-10	10	0.0
September 30, 2021	-1.69	-1.35	-0.92	59,554.1	-20	-10	10	0.0
December 28, 2021	-1.75	-1.40	-0.88	61,691.3	-20	-10	10	0.0
March 24, 2022	-2.10	-1.69	-0.93	63,753.9	-20	-10	10	0.0
June 30, 2022	-2.05	-1.62	-0.90	66,106.9	-20	-10	10	0.0
December 16, 2022	-2.06	-1.55	-0.96	70,164.8	-21	-10	10	0.0
January 25, 2023	-1.76	-1.38	-0.77	71,123.40	-19	-11	10	0.0
June 30, 2023	-1.5	-1.21	-0.96	74,865.60	-22	-10	10	0.0
September 27, 2023	-1.72	-1.3	-0.92	77,001.20	-20	-10	10	0.0
November 13, 2023	-1.55	-1.18	-0.82	78,129.7	-20	-11	10	0.0
January 25, 2024	-1.45	-1.81	-0.89	79882.6	-21	-10	10	0.0
April 11, 2024	-1.89	-1.54	-0.67	81,730.60	-21	-10	10	0.1
July 17, 2024	-1.65	-1.22	-0.29	84,057.30	-20	-11	10	0.0
November 7, 2024	-1.54	-1.1	-0.59	89769.9	-20	-11	9	0.0

Notes:

Blower 1: Rotron EN808, 7.5Hp, located in factory building blower room
 Blower 2: Rotron EN808, 7.5Hp, located in factory building blower room
 Garage Blower: Rotron EN909 15Hp, located in garage blower room
 Zone 1: SSDS Green Line, Blower 2
 Zone 2: SSDS Purple Line, Blower 2
 Zone 3: SSDS Orange Line, Blower 2
 Zone 4: SSDS Red Line, Blower 1
 Zone 5: SSDS Blue Line, Blower 1
 Perm. E.: SSDS Perimeter East Line, Garage Blower
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 Garage: SSDS Garage Line, Garage Blower
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 Effluent: Blower Effluent Pressure Gauge
 PID: Photoionization Detector
 in. w.c.: inches of water column
 ppm: parts per million
 --: measurement was not collected

¹In July 2024 NYSDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report.

Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.

²The digital gauges used to monitor the SSDS legs for the Per. E, Perm. W, and Garage zones display vacuum (and thus a positive number when reading the gauge).

However, because these are representative of the vacuum generated by the SSDS at those legs, this table displays them as negative pressure.

Table 1. SSDS Monitoring Summary, Bulova Watch Case Factory Site No. 1-52-139

Date	SSDS Monitoring Points													
	Factory Building										Garage & Perimeter			
	MP1-1 (in. w.c.)	MP1-2 (in. w.c.)	MP2-1 (in. w.c.)	MP2-2 (in. w.c.)	MP3-1 (in. w.c.)	MP3-2 (in. w.c.)	MP4-1 (in. w.c.)	MP4-2 (in. w.c.)	MP5-1 (in. w.c.)	MP5-2 (in. w.c.)	MP6-1 (in. w.c.)	MP6-2 (in. w.c.)	MP6-3 (in. w.c.)	MP7-1 (in. w.c.)
June 9, 2015	N/A	-0.03	0.000	-0.367	-0.11	N/A	-0.007	-1.155	-0.017	-0.01	-0.164	-0.084	N/A	-1.978
July 29, 2015	-0.042	-0.042	-0.009	-0.135	-0.034	-0.019	N/A	-1.178	N/A	-0.012	-0.129	-0.094	-0.038	-1.838
August 6, 2015	-0.119	-0.041	-0.009	-0.386	-0.032	-0.008	-0.030	-1.168	-0.021	-0.118	-0.131	-0.092	-0.039	-1.808
September 11, 2015	-0.111	-0.049	-0.008	-0.393	-0.035	-0.010	-0.035	-1.177	-0.019	-0.120	-0.129	-0.040	-0.090	-1.799
December 31, 2015	-0.123	-0.031	-0.008	N/A	-0.024	-0.010	-0.025	-0.991	-0.008	-0.189	-0.124	-0.266	-0.011	-2.259
January 21, 2016	-0.112	-0.020	-0.008	N/A	-0.013	-0.013	-0.023	-0.915	-0.021	-0.278	-0.105	-0.230	-0.066	-1.963
March 22, 2016	-0.104	-0.024	-0.007	-0.025	-0.023	-0.014	-0.020	-0.891	-0.011	-0.375	-0.114	-0.252	-0.075	-2.112
April 22, 2016	-0.155	-0.026	-0.004	-0.759	-0.015	-0.012	-0.017	-0.898	-0.017	-0.098	-0.117	-0.238	-0.076	-5.733
May 27, 2016	-0.109	-0.034	-0.006	-0.549	-0.021	-0.010	-0.025	-0.912	-0.022	-0.205	-0.131	-0.267	-0.081	-2.064
June 21, 2016	-0.122	-0.030	-0.009	-0.261	-0.019	-0.012	-0.022	-0.840	-0.014	-0.240	-0.128	-0.269	-0.086	-2.021
March 22, 2017	-0.087	-0.019	-0.021	-0.219	-0.007	-0.010	-0.014	-0.847	-0.004	-0.401	-0.125	-0.246	-0.083	-2.014
May 5, 2017	-0.101	-0.021	-0.006	-0.205	-0.005	-0.011	-0.019	-0.889	-0.026	-0.071	-0.191	-0.254	N/A	-2.309
July 21, 2017	-0.118	-0.036	-0.012	-0.236	-0.007	-0.014	-0.020	-0.938	-0.008	-0.101	-0.128	-0.244	-0.082	-1.944
December 13, 2017	-0.086	-0.022	-0.006	-0.194	-0.011	-0.011	-0.016	-0.877	-0.012	-0.329	-0.129	-0.248	-0.080	-1.933
February 12, 2018	-0.118	-0.040	-0.009	-0.089	-0.031	-0.010	-0.032	-1.155	-0.027	-0.118	-0.134	-0.035	-0.091	-1.808
May 15, 2018	-0.104	-0.023	-0.009	-0.195	-0.008	-0.014	-0.019	-0.883	-0.012	-0.015	-0.129	-1.950	-0.080	-2.080
August 16, 2018	-0.110	-0.032	-0.005	-0.229	-0.007	-0.009	-0.023	-0.937	-0.011	-0.010	-0.127	-0.222	-0.085	-1.883
October 3, 2018	-0.109	-0.028	-0.006	-0.253	-0.008	-0.010	-0.044	-0.927	-0.010	-0.010	-0.124	-0.244	-0.078	-2.123
January 16, 2019	-0.121	-0.022	-0.009	-0.180	-0.008	-0.009	-0.019	-0.860	-0.012	-0.119	-0.128	-0.235	-0.095	-1.969
April 5, 2019	-0.119	-0.020	-0.004	-0.191	-0.007	-0.010	-0.015	-0.850	-0.004	-0.008	-0.109	-0.228	-0.068	-1.845
August 2, 2019	-0.108	-0.022	-0.006	-0.196	-0.008	-0.010	-0.022	-0.910	-0.009	-0.008	-0.120	-0.221	-0.082	-2.070
December 23, 2019	-0.119	-0.025	-0.007	-0.182	-0.007	-0.012	-0.019	0.854	-0.010	-0.006	-0.112	-0.192	-0.068	-1.745
March 31, 2020	-0.135	-0.026	-0.008	-0.190	-0.006	-0.009	-0.023	-0.852	-0.010	-0.007	-0.115	-0.192	-0.073	-1.871
June 17, 2020	-0.109	-0.024	-0.008	-0.214	-0.008	-0.013	-0.020	-0.904	-0.011	-0.011	-0.112	-0.201	-0.081	-1.591
September 16, 2020	-0.105	-0.021	-0.020	-0.210	-0.010	-0.010	-0.040	-0.922	-0.013	-0.009	-0.118	-0.190	-0.104	-1.370
December 8, 2020	--	-0.022	-0.005	-0.214	-0.007	-0.007	-0.016	-0.872	-0.010	-0.014	-0.161	-0.258	--	-1.371
December 9, 2020	--	-0.030	-0.013	-0.331	-0.015	-0.012	-0.013	-0.504	-0.023	-0.011	-0.162	-0.252	-0.103	-1.335
December 15, 2020	-0.147	--	--	--	--	--	--	--	--	--	--	--	--	--
March 29, 2021	-0.167	-0.028	-0.066	-0.298	-0.010	-0.011	-0.012	-0.459	-0.021	-0.009	-0.156	-0.231	-0.120	-1.392
June 30, 2021	-0.159	-0.032	-0.059	-0.303	-0.011	-0.013	-0.012	-0.472	-0.024	-0.008	-0.149	-0.241	-0.117	-1.399
September 30, 2021	-0.144	-0.032	-0.065	-0.314	-0.013	-0.012	-0.011	-0.489	-0.029	-0.008	-0.152	-0.233	-0.121	-1.389
December 28, 2021	-0.136	-0.037	-0.061	-0.285	-0.015	-0.013	-0.012	-0.482	-0.025	-0.009	-0.150	-0.227	-0.126	-1.390
March 24, 2022	-0.148	-0.039	-0.058	-0.278	-0.017	-0.015	-0.013	-0.411	-0.021	-0.009	-0.179	-0.254	-0.127	-1.407
June 30, 2022	-0.144	-0.034	-0.056	-0.272	-0.016	-0.013	-0.012	-0.428	-0.024	-0.009	-0.168	-0.232	-0.122	-1.398
December 16, 2022	-0.145	-0.026	-0.005	-0.335	-0.005	-0.012	-0.006	-0.500	-0.009	-0.010	-0.220	-0.220	-0.121	-1.420
January 25, 2023	-0.145	-0.031	-0.006	-0.332	-0.005	-0.007	-0.012	-0.504	-0.006	-0.016	-0.153	-0.215	-0.11	-1.287
June 30, 2023	-0.150	-0.028	-0.005	-0.330	-0.007	-0.008	-0.010	-0.489	-0.007	-0.012	-0.202	-0.217	-0.162	-1.201
September 27, 2023	-0.139	-0.037	-0.021	-0.297	-0.016	-0.018	-0.013	-0.445	-0.020	-0.010	-0.166	-0.240	-0.171	-1.481
November 13, 2023	-0.148	-0.031	0.000 ¹	-0.367	-0.004	-0.020	-0.011	-0.513	-0.008	-0.005	-0.159	-0.219	-0.104	-1.046
January 25, 2024	-0.148	-0.029	-0.008	-0.322	-0.005	-0.025	-0.019	-0.491	-0.015	-0.005	-0.172	-0.204	-0.098	-1.127
April 11, 2024	-0.154	-0.023	-0.006	-0.342	-0.003 ²	-0.008	-0.012	-0.494	-0.005	-0.004	-0.182	-0.211	-0.107	-0.144
July 17, 2024	-0.182	-0.036	-0.009	-1.356	-0.009	-0.009	-0.019	-0.535	-0.009	-0.009	-0.166	-0.246	-0.137	-1.126
November 7, 2024	-0.164	-0.032	-0.006	-0.395	-0.004	-0.009	-0.016	-0.521	-0.011	-0.006	-0.172	-0.261	-0.145	-1.130

Notes:

Zone 1: SSDS Green Line, Blower 2
Zone 2: SSDS Purple Line, Blower 2
Zone 3: SSDS Orange Line, Blower 2
Zone 4: SSDS Red Line, Blower 1
Zone 5: SSDS Blue Line, Blower 1
Zone 6: SSDS Garage Line, Garage Blower
Zone 7: SSDS Perimeter East/West Line, Garage Blower
MP2-1 installed incorrectly. Corrected on July 7, 2015
N/A: measurement was not collected, point inaccessible

¹In July 2024 NYSDDEC requested that all vacuum readings be reported as negative pressures. This change was made for the Third Quarter 2024 report.

Therefore, SSDS Zones, SSDS Monitoring Points, Influent, and K.O. reported in terms of negative pressure. Effluent reported in terms of positive pressure.

²On November 13, 2023, the reading at MP2-1 was 0.000 in. wc.. All readings before November 2023 met the maximum pressure of -0.004 in. wc. Furthermore, the Pressure reading at MP2-1 on January 25, 2024 was -0.006 in. w.c, which meets the maximum requirement. The reading at MP2-1 in November 2023 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

³On April 11, 2024, the reading at MP3-1 was -0.003 in. wc.. All readings before April 2024 met the minimum pressure of -0.004 in. wc. The reading at MP3-1 in April 2024 appears to be an anomaly based upon the historical and current operating data and not an indication of an issue with the system operation.

Fourth Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

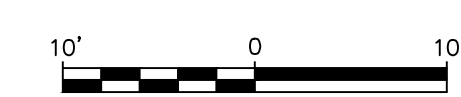
ATTACHMENT 2

Factory Building SSDS As-Builts

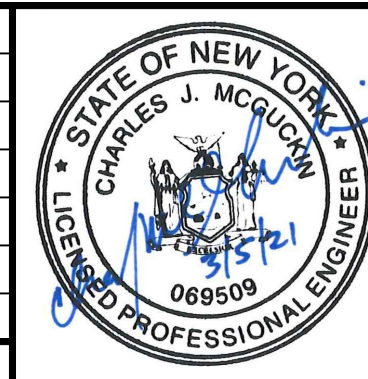


- LEGEND
- EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 1)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 1)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 2)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 2)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 3)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 3)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 4)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 4)
 - EXISTING 4" SOLID SCHEDULE 40 PVC PIPE (ZONE 5)
 - EXISTING 4" SLOTTED SCHEDULE 40 PVC VAPOR COLLECTION PIPE (ZONE 5)
 - EXISTING VACUUM MONITORING POINT
 - BLOWER LOCATION

AS-BUILT DRAWINGS

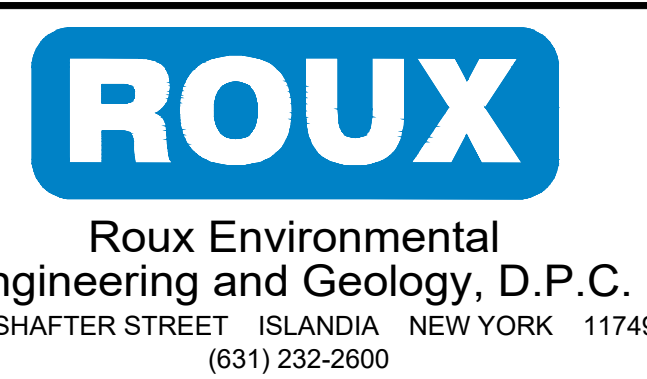


NO.	DATE	REVISION DESCRIPTION	BY
2	11/25/14	AS-BUILTS	C.P.
1	3/13/12	REVISED TO SHOW NEW SYSTEM LAYOUT	C.P.



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PROJ. ENGINEER: C.P. DRAWN BY: C.M.
DESIGNED BY: C.P. CHECKED BY: C.J.M.
DRAWING SCALE: AS SHOWN PLOT SCALE: 1/1
DRAWING DATE: 06APR21 PRINT TYPE: COLOR
OFFICE: NY PAPER SIZE: ARCH E
PROJECT NO.: 2802.0001Y000
DRAWING FILE: 2802.0001Y006.11.DWG



PROJECT NAME:
FINAL ENGINEERING REPORT
BULOVA WATCH CASE FACTORY SITE NO. 152139
PROJECT FOR:
WATCHCASE FACTORY CONDOMINIUM
SAG HARBOR, NEW YORK

TITLE:
FACTORY BUILDING SSDS
AS-BUILTS

Fourth Quarter 2024
SSDS Vacuum Monitoring Summary
Bulova Watch Factory Site No. 152139

ATTACHMENT 3

Garage SSDS As-Builts



\\VAD\PROJECTS\2802\001\152139\28020011.DWG

APPENDIX C

Analytical Results

ANALYTICAL REPORT

PREPARED FOR

Attn: Rachel Fenwick
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/25/2024 2:56:16 PM

JOB DESCRIPTION

Watchcase – Sag Harbor

JOB NUMBER

200-74410-1

Eurofins Burlington

Job Notes

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.
E	Result exceeded calibration range.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Environmental Eng & Geology DPC
Project: Watchcase – Sag Harbor

Job ID: 200-74410-1

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Eurofins Burlington

CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Watchcase GÇô Sag Harbor

Report Number: 200-74410-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 7/19/2024 11:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Receipt Exceptions

During the canister pressure check performed upon receipt, it was observed that the following samples were received at an elevated residual vacuum level: 200-74410-1 and 200-74410-2. The associated flow controller was evaluated upon receipt and was found to be outside the acceptable flow range as compared to the original set flow rate. The residual vacuums for sample 200-74410-1 and -2 is above the working range. Clean nitrogen will be added to the samples to bring the pressures into range. Additional sample volumes will be used so the sample RLs will not increase.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANICS (AMBIENT AIR)

Samples GARAGE-EFF_071724 (200-74410-1), FACTORY-EFF1_071724 (200-74410-2) and FACTORY-EFF2_071724 (200-74410-3) were analyzed for Volatile Organics (Ambient Air) in accordance with EPA Method TO15. The samples were analyzed on 07/22/2024 and 07/23/2024.

Sample FACTORY-EFF2_071724 (200-74410-3)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the VOCs analysis.

All quality control parameters were within the acceptance limits.

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Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.0		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	0.78	J	1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	13		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.15	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.41	J	1.5	0.41	ug/m3	1		TO-15	Total/NA
Acetone	32		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	21		12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	2.4		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	8.8		1.7	0.63	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	15		15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	8.3		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.9		1.5	1.4	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.53		0.20	0.083	ug/m3	1		TO-15	Total/NA
Chloroform	4.4		0.98	0.20	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.1		0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.80		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	25		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	5.2		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	10		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	9.8		0.20	0.13	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.3		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	22		0.75	0.23	ug/m3	1		TO-15	Total/NA
1,1,2-Trichloroethane	1.1		1.1	0.40	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.25	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Chlorobenzene	0.33	J	0.92	0.20	ug/m3	1		TO-15	Total/NA
Ethylbenzene	8.9		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	19		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	8.2		0.87	0.27	ug/m3	1		TO-15	Total/NA
Styrene	1.4		0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	2.5		0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	1.3		0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	1.3		0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	1.6		0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	4.7		0.98	0.39	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	0.33	J	1.1	0.25	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	3.9		1.1	0.33	ug/m3	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.80	J	1.2	0.54	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.50		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.55		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.38	J	0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	5.4		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.067	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.25		0.20	0.050	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.054	J	0.20	0.053	ppb v/v	1		TO-15	Total/NA
Acetone	13		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	8.4		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.77		0.50	0.13	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724 (Continued)

Lab Sample ID: 200-74410-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.5		0.50	0.18	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	4.9		5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	2.3		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.97		0.50	0.49	ppb v/v	1		TO-15	Total/NA
cis-1,2-Dichloroethene	0.13		0.050	0.021	ppb v/v	1		TO-15	Total/NA
Chloroform	0.91		0.20	0.041	ppb v/v	1		TO-15	Total/NA
Cyclohexane	1.2		0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.13		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	5.3		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	1.6		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	2.5		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	1.8		0.037	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.1		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	5.8		0.20	0.062	ppb v/v	1		TO-15	Total/NA
1,1,2-Trichloroethane	0.20		0.20	0.074	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.037	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Chlorobenzene	0.073	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	2.1		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	4.4		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	1.9		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Styrene	0.33		0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cumene	0.52		0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.26		0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.27		0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.32		0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.96		0.20	0.080	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.060	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA
4-Isopropyltoluene	0.72		0.20	0.061	ppb v/v	1		TO-15	Total/NA
1,4-Dichlorobenzene	0.13	J	0.20	0.089	ppb v/v	1		TO-15	Total/NA

Client Sample ID: FACTORY-EFF1_071724

Lab Sample ID: 200-74410-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	2.3		1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.4		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	21		1.2	0.48	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
Acetone	32		12	3.8	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	9.1	J	12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	0.87	J	1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	12		1.7	0.63	ug/m3	1		TO-15	Total/NA
n-Hexane	1.2	J	1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	1.4	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.36	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.62	J	0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	5.9		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	1.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.0	J	2.0	0.53	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: FACTORY-EFF1_071724 (Continued)

Lab Sample ID: 200-74410-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	19		0.75	0.23	ug/m3	1		TO-15	Total/NA
Ethylbenzene	0.56	J	0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	1.2	J	2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	0.46	J	0.87	0.27	ug/m3	1		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.65		0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.66		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	8.8		0.50	0.20	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Acetone	14		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	3.7	J	5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.28	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	3.5		0.50	0.18	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.34	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	0.66		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.10	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.045		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.13	J	0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	1.9		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.31		0.20	0.055	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.25	J	0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	5.1		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.13	J	0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	0.28	J	0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.11	J	0.20	0.063	ppb v/v	1		TO-15	Total/NA

Client Sample ID: FACTORY-EFF2_071724

Lab Sample ID: 200-74410-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3	1		TO-15	Total/NA
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3	1		TO-15	Total/NA
Chloromethane	1.3		1.0	0.31	ug/m3	1		TO-15	Total/NA
n-Butane	56		1.2	0.48	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	0.16	J	0.44	0.086	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	29		12	3.9	ug/m3	1		TO-15	Total/NA
Carbon disulfide	1.7		1.6	0.40	ug/m3	1		TO-15	Total/NA
Methylene Chloride	12		1.7	0.63	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	4.3	J	15	3.6	ug/m3	1		TO-15	Total/NA
n-Hexane	1.8		1.8	0.39	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	5.2		1.5	1.4	ug/m3	1		TO-15	Total/NA
Chloroform	0.88	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.31	J	1.1	0.24	ug/m3	1		TO-15	Total/NA
Cyclohexane	0.59	J	0.69	0.20	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.51		0.22	0.14	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	2.0		0.93	0.18	ug/m3	1		TO-15	Total/NA
Benzene	6.2		0.64	0.14	ug/m3	1		TO-15	Total/NA
n-Heptane	2.3		0.82	0.23	ug/m3	1		TO-15	Total/NA
Trichloroethene	18		0.20	0.13	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: FACTORY-EFF2_071724 (Continued)

Lab Sample ID: 200-74410-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.7		2.0	0.53	ug/m3	1		TO-15	Total/NA
Toluene	30		0.75	0.23	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	0.21	J	1.4	0.14	ug/m3	1		TO-15	Total/NA
Ethylbenzene	1.7		0.87	0.30	ug/m3	1		TO-15	Total/NA
m,p-Xylene	6.2		2.2	0.41	ug/m3	1		TO-15	Total/NA
o-Xylene	2.2		0.87	0.27	ug/m3	1		TO-15	Total/NA
Styrene	0.72	J	0.85	0.25	ug/m3	1		TO-15	Total/NA
Cumene	0.39	J	0.98	0.20	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	0.36	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	0.32	J	0.98	0.24	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.34	J	0.98	0.23	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	1.4		0.98	0.39	ug/m3	1		TO-15	Total/NA
sec-Butylbenzene	0.41	J	1.1	0.25	ug/m3	1		TO-15	Total/NA
Naphthalene	4.5		2.0	1.6	ug/m3	1		TO-15	Total/NA
Acetone - DL	110	D	24	7.6	ug/m3	2		TO-15	Total/NA
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v	1		TO-15	Total/NA
Chlorodifluoromethane	0.30	J	0.50	0.12	ppb v/v	1		TO-15	Total/NA
Chloromethane	0.61		0.50	0.15	ppb v/v	1		TO-15	Total/NA
n-Butane	24		0.50	0.20	ppb v/v	1		TO-15	Total/NA
1,3-Butadiene	0.072	J	0.20	0.039	ppb v/v	1		TO-15	Total/NA
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v	1		TO-15	Total/NA
Isopropyl alcohol	12		5.0	1.6	ppb v/v	1		TO-15	Total/NA
Carbon disulfide	0.54		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Methylene Chloride	3.3		0.50	0.18	ppb v/v	1		TO-15	Total/NA
tert-Butyl alcohol	1.4	J	5.0	1.2	ppb v/v	1		TO-15	Total/NA
n-Hexane	0.50		0.50	0.11	ppb v/v	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	1.8		0.50	0.49	ppb v/v	1		TO-15	Total/NA
Chloroform	0.18	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
1,1,1-Trichloroethane	0.057	J	0.20	0.044	ppb v/v	1		TO-15	Total/NA
Cyclohexane	0.17	J	0.20	0.058	ppb v/v	1		TO-15	Total/NA
Carbon tetrachloride	0.080		0.035	0.022	ppb v/v	1		TO-15	Total/NA
2,2,4-Trimethylpentane	0.42		0.20	0.038	ppb v/v	1		TO-15	Total/NA
Benzene	1.9		0.20	0.044	ppb v/v	1		TO-15	Total/NA
n-Heptane	0.55		0.20	0.055	ppb v/v	1		TO-15	Total/NA
Trichloroethene	3.4		0.037	0.025	ppb v/v	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.90		0.50	0.13	ppb v/v	1		TO-15	Total/NA
Toluene	7.9		0.20	0.062	ppb v/v	1		TO-15	Total/NA
Tetrachloroethene	0.030	J	0.20	0.021	ppb v/v	1		TO-15	Total/NA
Ethylbenzene	0.39		0.20	0.069	ppb v/v	1		TO-15	Total/NA
m,p-Xylene	1.4		0.50	0.095	ppb v/v	1		TO-15	Total/NA
o-Xylene	0.51		0.20	0.063	ppb v/v	1		TO-15	Total/NA
Styrene	0.17	J	0.20	0.059	ppb v/v	1		TO-15	Total/NA
Cumene	0.079	J	0.20	0.041	ppb v/v	1		TO-15	Total/NA
n-Propylbenzene	0.074	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
4-Ethyltoluene	0.065	J	0.20	0.049	ppb v/v	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	0.069	J	0.20	0.047	ppb v/v	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	0.28		0.20	0.080	ppb v/v	1		TO-15	Total/NA
sec-Butylbenzene	0.075	J	0.20	0.045	ppb v/v	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: FACTORY-EFF2_071724 (Continued)

Lab Sample ID: 200-74410-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Naphthalene	0.86		0.38	0.30	ppb v/v	1		TO-15	Total/NA
Acetone - DL	45	D	10	3.2	ppb v/v	2		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Date Collected: 07/17/24 12:00

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5		2.5	0.54	ug/m3			07/22/24 12:55	1
Chlorodifluoromethane	2.0		1.8	0.42	ug/m3			07/22/24 12:55	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			07/22/24 12:55	1
Chloromethane	0.78	J	1.0	0.31	ug/m3			07/22/24 12:55	1
n-Butane	13		1.2	0.48	ug/m3			07/22/24 12:55	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			07/22/24 12:55	1
1,3-Butadiene	0.15	J	0.44	0.086	ug/m3			07/22/24 12:55	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			07/22/24 12:55	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			07/22/24 12:55	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			07/22/24 12:55	1
Trichlorofluoromethane	1.4		1.1	0.28	ug/m3			07/22/24 12:55	1
1,1,2-Trichlorotrifluoroethane	0.41	J	1.5	0.41	ug/m3			07/22/24 12:55	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			07/22/24 12:55	1
Acetone	32		12	3.8	ug/m3			07/22/24 12:55	1
Isopropyl alcohol	21		12	3.9	ug/m3			07/22/24 12:55	1
Carbon disulfide	2.4		1.6	0.40	ug/m3			07/22/24 12:55	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			07/22/24 12:55	1
Methylene Chloride	8.8		1.7	0.63	ug/m3			07/22/24 12:55	1
tert-Butyl alcohol	15		15	3.6	ug/m3			07/22/24 12:55	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			07/22/24 12:55	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			07/22/24 12:55	1
n-Hexane	8.3		1.8	0.39	ug/m3			07/22/24 12:55	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			07/22/24 12:55	1
Methyl Ethyl Ketone (2-Butanone)	2.9		1.5	1.4	ug/m3			07/22/24 12:55	1
cis-1,2-Dichloroethene	0.53		0.20	0.083	ug/m3			07/22/24 12:55	1
Chloroform	4.4		0.98	0.20	ug/m3			07/22/24 12:55	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			07/22/24 12:55	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			07/22/24 12:55	1
Cyclohexane	4.1		0.69	0.20	ug/m3			07/22/24 12:55	1
Carbon tetrachloride	0.80		0.22	0.14	ug/m3			07/22/24 12:55	1
2,2,4-Trimethylpentane	25		0.93	0.18	ug/m3			07/22/24 12:55	1
Benzene	5.2		0.64	0.14	ug/m3			07/22/24 12:55	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			07/22/24 12:55	1
n-Heptane	10		0.82	0.23	ug/m3			07/22/24 12:55	1
Trichloroethene	9.8		0.20	0.13	ug/m3			07/22/24 12:55	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			07/22/24 12:55	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			07/22/24 12:55	1
1,4-Dioxane	18	U	18	0.30	ug/m3			07/22/24 12:55	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			07/22/24 12:55	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			07/22/24 12:55	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.3		2.0	0.53	ug/m3			07/22/24 12:55	1
Toluene	22		0.75	0.23	ug/m3			07/22/24 12:55	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			07/22/24 12:55	1
1,1,2-Trichloroethane	1.1		1.1	0.40	ug/m3			07/22/24 12:55	1
Tetrachloroethene	0.25	J	1.4	0.14	ug/m3			07/22/24 12:55	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			07/22/24 12:55	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			07/22/24 12:55	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			07/22/24 12:55	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Date Collected: 07/17/24 12:00

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.33	J	0.92	0.20	ug/m3			07/22/24 12:55	1
Ethylbenzene	8.9		0.87	0.30	ug/m3			07/22/24 12:55	1
m,p-Xylene	19		2.2	0.41	ug/m3			07/22/24 12:55	1
o-Xylene	8.2		0.87	0.27	ug/m3			07/22/24 12:55	1
Styrene	1.4		0.85	0.25	ug/m3			07/22/24 12:55	1
Bromoform	2.1	U	2.1	1.2	ug/m3			07/22/24 12:55	1
Cumene	2.5		0.98	0.20	ug/m3			07/22/24 12:55	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			07/22/24 12:55	1
n-Propylbenzene	1.3		0.98	0.23	ug/m3			07/22/24 12:55	1
4-Ethyltoluene	1.3		0.98	0.24	ug/m3			07/22/24 12:55	1
1,3,5-Trimethylbenzene	1.6		0.98	0.23	ug/m3			07/22/24 12:55	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			07/22/24 12:55	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			07/22/24 12:55	1
1,2,4-Trimethylbenzene	4.7		0.98	0.39	ug/m3			07/22/24 12:55	1
sec-Butylbenzene	0.33	J	1.1	0.25	ug/m3			07/22/24 12:55	1
4-Isopropyltoluene	3.9		1.1	0.33	ug/m3			07/22/24 12:55	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			07/22/24 12:55	1
1,4-Dichlorobenzene	0.80	J	1.2	0.54	ug/m3			07/22/24 12:55	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			07/22/24 12:55	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			07/22/24 12:55	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			07/22/24 12:55	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			07/22/24 12:55	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			07/22/24 12:55	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			07/22/24 12:55	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50		0.50	0.11	ppb v/v			07/22/24 12:55	1
Chlorodifluoromethane	0.55		0.50	0.12	ppb v/v			07/22/24 12:55	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			07/22/24 12:55	1
Chloromethane	0.38	J	0.50	0.15	ppb v/v			07/22/24 12:55	1
n-Butane	5.4		0.50	0.20	ppb v/v			07/22/24 12:55	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			07/22/24 12:55	1
1,3-Butadiene	0.067	J	0.20	0.039	ppb v/v			07/22/24 12:55	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			07/22/24 12:55	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			07/22/24 12:55	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			07/22/24 12:55	1
Trichlorofluoromethane	0.25		0.20	0.050	ppb v/v			07/22/24 12:55	1
1,1,2-Trichlorotrifluoroethane	0.054	J	0.20	0.053	ppb v/v			07/22/24 12:55	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			07/22/24 12:55	1
Acetone	13		5.0	1.6	ppb v/v			07/22/24 12:55	1
Isopropyl alcohol	8.4		5.0	1.6	ppb v/v			07/22/24 12:55	1
Carbon disulfide	0.77		0.50	0.13	ppb v/v			07/22/24 12:55	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			07/22/24 12:55	1
Methylene Chloride	2.5		0.50	0.18	ppb v/v			07/22/24 12:55	1
tert-Butyl alcohol	4.9		5.0	1.2	ppb v/v			07/22/24 12:55	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			07/22/24 12:55	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			07/22/24 12:55	1
n-Hexane	2.3		0.50	0.11	ppb v/v			07/22/24 12:55	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			07/22/24 12:55	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Date Collected: 07/17/24 12:00

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.97		0.50	0.49	ppb v/v			07/22/24 12:55	1
cis-1,2-Dichloroethene	0.13		0.050	0.021	ppb v/v			07/22/24 12:55	1
Chloroform	0.91		0.20	0.041	ppb v/v			07/22/24 12:55	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			07/22/24 12:55	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			07/22/24 12:55	1
Cyclohexane	1.2		0.20	0.058	ppb v/v			07/22/24 12:55	1
Carbon tetrachloride	0.13		0.035	0.022	ppb v/v			07/22/24 12:55	1
2,2,4-Trimethylpentane	5.3		0.20	0.038	ppb v/v			07/22/24 12:55	1
Benzene	1.6		0.20	0.044	ppb v/v			07/22/24 12:55	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			07/22/24 12:55	1
n-Heptane	2.5		0.20	0.055	ppb v/v			07/22/24 12:55	1
Trichloroethene	1.8		0.037	0.025	ppb v/v			07/22/24 12:55	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			07/22/24 12:55	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			07/22/24 12:55	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			07/22/24 12:55	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			07/22/24 12:55	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			07/22/24 12:55	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.1		0.50	0.13	ppb v/v			07/22/24 12:55	1
Toluene	5.8		0.20	0.062	ppb v/v			07/22/24 12:55	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			07/22/24 12:55	1
1,1,2-Trichloroethane	0.20		0.20	0.074	ppb v/v			07/22/24 12:55	1
Tetrachloroethene	0.037	J	0.20	0.021	ppb v/v			07/22/24 12:55	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			07/22/24 12:55	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			07/22/24 12:55	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			07/22/24 12:55	1
Chlorobenzene	0.073	J	0.20	0.044	ppb v/v			07/22/24 12:55	1
Ethylbenzene	2.1		0.20	0.069	ppb v/v			07/22/24 12:55	1
m,p-Xylene	4.4		0.50	0.095	ppb v/v			07/22/24 12:55	1
o-Xylene	1.9		0.20	0.063	ppb v/v			07/22/24 12:55	1
Styrene	0.33		0.20	0.059	ppb v/v			07/22/24 12:55	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			07/22/24 12:55	1
Cumene	0.52		0.20	0.041	ppb v/v			07/22/24 12:55	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			07/22/24 12:55	1
n-Propylbenzene	0.26		0.20	0.047	ppb v/v			07/22/24 12:55	1
4-Ethyltoluene	0.27		0.20	0.049	ppb v/v			07/22/24 12:55	1
1,3,5-Trimethylbenzene	0.32		0.20	0.047	ppb v/v			07/22/24 12:55	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			07/22/24 12:55	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 12:55	1
1,2,4-Trimethylbenzene	0.96		0.20	0.080	ppb v/v			07/22/24 12:55	1
sec-Butylbenzene	0.060	J	0.20	0.045	ppb v/v			07/22/24 12:55	1
4-Isopropyltoluene	0.72		0.20	0.061	ppb v/v			07/22/24 12:55	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			07/22/24 12:55	1
1,4-Dichlorobenzene	0.13	J	0.20	0.089	ppb v/v			07/22/24 12:55	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			07/22/24 12:55	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			07/22/24 12:55	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			07/22/24 12:55	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			07/22/24 12:55	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			07/22/24 12:55	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Date Collected: 07/17/24 12:00

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			07/22/24 12:55	1

Client Sample ID: FACTORY-EFF1_071724

Lab Sample ID: 200-74410-2

Date Collected: 07/17/24 15:15

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.2	J	2.5	0.54	ug/m3			07/22/24 13:51	1
Chlorodifluoromethane	2.3		1.8	0.42	ug/m3			07/22/24 13:51	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			07/22/24 13:51	1
Chloromethane	1.4		1.0	0.31	ug/m3			07/22/24 13:51	1
n-Butane	21		1.2	0.48	ug/m3			07/22/24 13:51	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			07/22/24 13:51	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			07/22/24 13:51	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			07/22/24 13:51	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			07/22/24 13:51	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			07/22/24 13:51	1
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3			07/22/24 13:51	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			07/22/24 13:51	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			07/22/24 13:51	1
Acetone	32		12	3.8	ug/m3			07/22/24 13:51	1
Isopropyl alcohol	9.1	J	12	3.9	ug/m3			07/22/24 13:51	1
Carbon disulfide	0.87	J	1.6	0.40	ug/m3			07/22/24 13:51	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			07/22/24 13:51	1
Methylene Chloride	12		1.7	0.63	ug/m3			07/22/24 13:51	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			07/22/24 13:51	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			07/22/24 13:51	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			07/22/24 13:51	1
n-Hexane	1.2	J	1.8	0.39	ug/m3			07/22/24 13:51	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			07/22/24 13:51	1
Methyl Ethyl Ketone (2-Butanone)	2.0		1.5	1.4	ug/m3			07/22/24 13:51	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			07/22/24 13:51	1
Chloroform	0.98	U	0.98	0.20	ug/m3			07/22/24 13:51	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			07/22/24 13:51	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			07/22/24 13:51	1
Cyclohexane	0.36	J	0.69	0.20	ug/m3			07/22/24 13:51	1
Carbon tetrachloride	0.28		0.22	0.14	ug/m3			07/22/24 13:51	1
2,2,4-Trimethylpentane	0.62	J	0.93	0.18	ug/m3			07/22/24 13:51	1
Benzene	5.9		0.64	0.14	ug/m3			07/22/24 13:51	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			07/22/24 13:51	1
n-Heptane	1.3		0.82	0.23	ug/m3			07/22/24 13:51	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			07/22/24 13:51	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			07/22/24 13:51	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			07/22/24 13:51	1
1,4-Dioxane	18	U	18	0.30	ug/m3			07/22/24 13:51	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			07/22/24 13:51	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			07/22/24 13:51	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: **FACTORY-EFF1_071724**

Lab Sample ID: **200-74410-2**

Date Collected: 07/17/24 15:15

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	1.0	J	2.0	0.53	ug/m3			07/22/24 13:51	1
Toluene	19		0.75	0.23	ug/m3			07/22/24 13:51	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			07/22/24 13:51	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			07/22/24 13:51	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			07/22/24 13:51	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			07/22/24 13:51	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			07/22/24 13:51	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			07/22/24 13:51	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			07/22/24 13:51	1
Ethylbenzene	0.56	J	0.87	0.30	ug/m3			07/22/24 13:51	1
m,p-Xylene	1.2	J	2.2	0.41	ug/m3			07/22/24 13:51	1
o-Xylene	0.46	J	0.87	0.27	ug/m3			07/22/24 13:51	1
Styrene	0.85	U	0.85	0.25	ug/m3			07/22/24 13:51	1
Bromoform	2.1	U	2.1	1.2	ug/m3			07/22/24 13:51	1
Cumene	0.98	U	0.98	0.20	ug/m3			07/22/24 13:51	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			07/22/24 13:51	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			07/22/24 13:51	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			07/22/24 13:51	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			07/22/24 13:51	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			07/22/24 13:51	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			07/22/24 13:51	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			07/22/24 13:51	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			07/22/24 13:51	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			07/22/24 13:51	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			07/22/24 13:51	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			07/22/24 13:51	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			07/22/24 13:51	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			07/22/24 13:51	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			07/22/24 13:51	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			07/22/24 13:51	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			07/22/24 13:51	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			07/22/24 13:51	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.44	J	0.50	0.11	ppb v/v			07/22/24 13:51	1
Chlorodifluoromethane	0.65		0.50	0.12	ppb v/v			07/22/24 13:51	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			07/22/24 13:51	1
Chloromethane	0.66		0.50	0.15	ppb v/v			07/22/24 13:51	1
n-Butane	8.8		0.50	0.20	ppb v/v			07/22/24 13:51	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			07/22/24 13:51	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			07/22/24 13:51	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			07/22/24 13:51	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			07/22/24 13:51	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			07/22/24 13:51	1
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v			07/22/24 13:51	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			07/22/24 13:51	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			07/22/24 13:51	1
Acetone	14		5.0	1.6	ppb v/v			07/22/24 13:51	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: **FACTORY-EFF1_071724**

Lab Sample ID: **200-74410-2**

Date Collected: 07/17/24 15:15

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropyl alcohol	3.7	J	5.0	1.6	ppb v/v			07/22/24 13:51	1
Carbon disulfide	0.28	J	0.50	0.13	ppb v/v			07/22/24 13:51	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			07/22/24 13:51	1
Methylene Chloride	3.5		0.50	0.18	ppb v/v			07/22/24 13:51	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			07/22/24 13:51	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			07/22/24 13:51	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			07/22/24 13:51	1
n-Hexane	0.34	J	0.50	0.11	ppb v/v			07/22/24 13:51	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			07/22/24 13:51	1
Methyl Ethyl Ketone (2-Butanone)	0.66		0.50	0.49	ppb v/v			07/22/24 13:51	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			07/22/24 13:51	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			07/22/24 13:51	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			07/22/24 13:51	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			07/22/24 13:51	1
Cyclohexane	0.10	J	0.20	0.058	ppb v/v			07/22/24 13:51	1
Carbon tetrachloride	0.045		0.035	0.022	ppb v/v			07/22/24 13:51	1
2,2,4-Trimethylpentane	0.13	J	0.20	0.038	ppb v/v			07/22/24 13:51	1
Benzene	1.9		0.20	0.044	ppb v/v			07/22/24 13:51	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			07/22/24 13:51	1
n-Heptane	0.31		0.20	0.055	ppb v/v			07/22/24 13:51	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			07/22/24 13:51	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			07/22/24 13:51	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			07/22/24 13:51	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			07/22/24 13:51	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			07/22/24 13:51	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			07/22/24 13:51	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.25	J	0.50	0.13	ppb v/v			07/22/24 13:51	1
Toluene	5.1		0.20	0.062	ppb v/v			07/22/24 13:51	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			07/22/24 13:51	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			07/22/24 13:51	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			07/22/24 13:51	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			07/22/24 13:51	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			07/22/24 13:51	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			07/22/24 13:51	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			07/22/24 13:51	1
Ethylbenzene	0.13	J	0.20	0.069	ppb v/v			07/22/24 13:51	1
m,p-Xylene	0.28	J	0.50	0.095	ppb v/v			07/22/24 13:51	1
o-Xylene	0.11	J	0.20	0.063	ppb v/v			07/22/24 13:51	1
Styrene	0.20	U	0.20	0.059	ppb v/v			07/22/24 13:51	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			07/22/24 13:51	1
Cumene	0.20	U	0.20	0.041	ppb v/v			07/22/24 13:51	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			07/22/24 13:51	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 13:51	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			07/22/24 13:51	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 13:51	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			07/22/24 13:51	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 13:51	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			07/22/24 13:51	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: FACTORY-EFF1_071724

Lab Sample ID: 200-74410-2

Date Collected: 07/17/24 15:15

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			07/22/24 13:51	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			07/22/24 13:51	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			07/22/24 13:51	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			07/22/24 13:51	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			07/22/24 13:51	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			07/22/24 13:51	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			07/22/24 13:51	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			07/22/24 13:51	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			07/22/24 13:51	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			07/22/24 13:51	1

Client Sample ID: FACTORY-EFF2_071724

Lab Sample ID: 200-74410-3

Date Collected: 07/17/24 15:20

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.0	J	2.5	0.54	ug/m3			07/22/24 14:47	1
Chlorodifluoromethane	1.1	J	1.8	0.42	ug/m3			07/22/24 14:47	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			07/22/24 14:47	1
Chloromethane	1.3		1.0	0.31	ug/m3			07/22/24 14:47	1
n-Butane	56		1.2	0.48	ug/m3			07/22/24 14:47	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			07/22/24 14:47	1
1,3-Butadiene	0.16	J	0.44	0.086	ug/m3			07/22/24 14:47	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			07/22/24 14:47	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			07/22/24 14:47	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			07/22/24 14:47	1
Trichlorofluoromethane	1.1		1.1	0.28	ug/m3			07/22/24 14:47	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			07/22/24 14:47	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			07/22/24 14:47	1
Isopropyl alcohol	29		12	3.9	ug/m3			07/22/24 14:47	1
Carbon disulfide	1.7		1.6	0.40	ug/m3			07/22/24 14:47	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			07/22/24 14:47	1
Methylene Chloride	12		1.7	0.63	ug/m3			07/22/24 14:47	1
tert-Butyl alcohol	4.3	J	15	3.6	ug/m3			07/22/24 14:47	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			07/22/24 14:47	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			07/22/24 14:47	1
n-Hexane	1.8		1.8	0.39	ug/m3			07/22/24 14:47	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			07/22/24 14:47	1
Methyl Ethyl Ketone (2-Butanone)	5.2		1.5	1.4	ug/m3			07/22/24 14:47	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			07/22/24 14:47	1
Chloroform	0.88	J	0.98	0.20	ug/m3			07/22/24 14:47	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			07/22/24 14:47	1
1,1,1-Trichloroethane	0.31	J	1.1	0.24	ug/m3			07/22/24 14:47	1
Cyclohexane	0.59	J	0.69	0.20	ug/m3			07/22/24 14:47	1
Carbon tetrachloride	0.51		0.22	0.14	ug/m3			07/22/24 14:47	1
2,2,4-Trimethylpentane	2.0		0.93	0.18	ug/m3			07/22/24 14:47	1
Benzene	6.2		0.64	0.14	ug/m3			07/22/24 14:47	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: **FACTORY-EFF2_071724**

Lab Sample ID: **200-74410-3**

Date Collected: 07/17/24 15:20

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			07/22/24 14:47	1
n-Heptane	2.3		0.82	0.23	ug/m3			07/22/24 14:47	1
Trichloroethene	18		0.20	0.13	ug/m3			07/22/24 14:47	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			07/22/24 14:47	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			07/22/24 14:47	1
1,4-Dioxane	18	U	18	0.30	ug/m3			07/22/24 14:47	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			07/22/24 14:47	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			07/22/24 14:47	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.7		2.0	0.53	ug/m3			07/22/24 14:47	1
Toluene	30		0.75	0.23	ug/m3			07/22/24 14:47	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			07/22/24 14:47	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			07/22/24 14:47	1
Tetrachloroethene	0.21	J	1.4	0.14	ug/m3			07/22/24 14:47	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			07/22/24 14:47	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			07/22/24 14:47	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			07/22/24 14:47	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			07/22/24 14:47	1
Ethylbenzene	1.7		0.87	0.30	ug/m3			07/22/24 14:47	1
m,p-Xylene	6.2		2.2	0.41	ug/m3			07/22/24 14:47	1
o-Xylene	2.2		0.87	0.27	ug/m3			07/22/24 14:47	1
Styrene	0.72	J	0.85	0.25	ug/m3			07/22/24 14:47	1
Bromoform	2.1	U	2.1	1.2	ug/m3			07/22/24 14:47	1
Cumene	0.39	J	0.98	0.20	ug/m3			07/22/24 14:47	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			07/22/24 14:47	1
n-Propylbenzene	0.36	J	0.98	0.23	ug/m3			07/22/24 14:47	1
4-Ethyltoluene	0.32	J	0.98	0.24	ug/m3			07/22/24 14:47	1
1,3,5-Trimethylbenzene	0.34	J	0.98	0.23	ug/m3			07/22/24 14:47	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			07/22/24 14:47	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			07/22/24 14:47	1
1,2,4-Trimethylbenzene	1.4		0.98	0.39	ug/m3			07/22/24 14:47	1
sec-Butylbenzene	0.41	J	1.1	0.25	ug/m3			07/22/24 14:47	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			07/22/24 14:47	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			07/22/24 14:47	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			07/22/24 14:47	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			07/22/24 14:47	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			07/22/24 14:47	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			07/22/24 14:47	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			07/22/24 14:47	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			07/22/24 14:47	1
Naphthalene	4.5		2.0	1.6	ug/m3			07/22/24 14:47	1
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.40	J	0.50	0.11	ppb v/v			07/22/24 14:47	1
Chlorodifluoromethane	0.30	J	0.50	0.12	ppb v/v			07/22/24 14:47	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			07/22/24 14:47	1
Chloromethane	0.61		0.50	0.15	ppb v/v			07/22/24 14:47	1
n-Butane	24		0.50	0.20	ppb v/v			07/22/24 14:47	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			07/22/24 14:47	1

Eurofins Burlington

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: **FACTORY-EFF2_071724**

Lab Sample ID: **200-74410-3**

Date Collected: 07/17/24 15:20

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Butadiene	0.072	J	0.20	0.039	ppb v/v			07/22/24 14:47	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			07/22/24 14:47	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			07/22/24 14:47	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			07/22/24 14:47	1
Trichlorofluoromethane	0.19		0.20	0.050	ppb v/v			07/22/24 14:47	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			07/22/24 14:47	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			07/22/24 14:47	1
Isopropyl alcohol	12		5.0	1.6	ppb v/v			07/22/24 14:47	1
Carbon disulfide	0.54		0.50	0.13	ppb v/v			07/22/24 14:47	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			07/22/24 14:47	1
Methylene Chloride	3.3		0.50	0.18	ppb v/v			07/22/24 14:47	1
tert-Butyl alcohol	1.4	J	5.0	1.2	ppb v/v			07/22/24 14:47	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			07/22/24 14:47	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			07/22/24 14:47	1
n-Hexane	0.50		0.50	0.11	ppb v/v			07/22/24 14:47	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			07/22/24 14:47	1
Methyl Ethyl Ketone (2-Butanone)	1.8		0.50	0.49	ppb v/v			07/22/24 14:47	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			07/22/24 14:47	1
Chloroform	0.18	J	0.20	0.041	ppb v/v			07/22/24 14:47	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			07/22/24 14:47	1
1,1,1-Trichloroethane	0.057	J	0.20	0.044	ppb v/v			07/22/24 14:47	1
Cyclohexane	0.17	J	0.20	0.058	ppb v/v			07/22/24 14:47	1
Carbon tetrachloride	0.080		0.035	0.022	ppb v/v			07/22/24 14:47	1
2,2,4-Trimethylpentane	0.42		0.20	0.038	ppb v/v			07/22/24 14:47	1
Benzene	1.9		0.20	0.044	ppb v/v			07/22/24 14:47	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			07/22/24 14:47	1
n-Heptane	0.55		0.20	0.055	ppb v/v			07/22/24 14:47	1
Trichloroethene	3.4		0.037	0.025	ppb v/v			07/22/24 14:47	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			07/22/24 14:47	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			07/22/24 14:47	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			07/22/24 14:47	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			07/22/24 14:47	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			07/22/24 14:47	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.90		0.50	0.13	ppb v/v			07/22/24 14:47	1
Toluene	7.9		0.20	0.062	ppb v/v			07/22/24 14:47	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			07/22/24 14:47	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			07/22/24 14:47	1
Tetrachloroethene	0.030	J	0.20	0.021	ppb v/v			07/22/24 14:47	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			07/22/24 14:47	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			07/22/24 14:47	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			07/22/24 14:47	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			07/22/24 14:47	1
Ethylbenzene	0.39		0.20	0.069	ppb v/v			07/22/24 14:47	1
m,p-Xylene	1.4		0.50	0.095	ppb v/v			07/22/24 14:47	1
o-Xylene	0.51		0.20	0.063	ppb v/v			07/22/24 14:47	1
Styrene	0.17	J	0.20	0.059	ppb v/v			07/22/24 14:47	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			07/22/24 14:47	1
Cumene	0.079	J	0.20	0.041	ppb v/v			07/22/24 14:47	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: **FACTORY-EFF2_071724**

Lab Sample ID: **200-74410-3**

Date Collected: 07/17/24 15:20

Matrix: Air

Date Received: 07/19/24 11:15

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			07/22/24 14:47	1
n-Propylbenzene	0.074	J	0.20	0.047	ppb v/v			07/22/24 14:47	1
4-Ethyltoluene	0.065	J	0.20	0.049	ppb v/v			07/22/24 14:47	1
1,3,5-Trimethylbenzene	0.069	J	0.20	0.047	ppb v/v			07/22/24 14:47	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			07/22/24 14:47	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 14:47	1
1,2,4-Trimethylbenzene	0.28		0.20	0.080	ppb v/v			07/22/24 14:47	1
sec-Butylbenzene	0.075	J	0.20	0.045	ppb v/v			07/22/24 14:47	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			07/22/24 14:47	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			07/22/24 14:47	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			07/22/24 14:47	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			07/22/24 14:47	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			07/22/24 14:47	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			07/22/24 14:47	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			07/22/24 14:47	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			07/22/24 14:47	1
Naphthalene	0.86		0.38	0.30	ppb v/v			07/22/24 14:47	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	110	D	24	7.6	ug/m3			07/23/24 21:01	2
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	45	D	10	3.2	ppb v/v			07/23/24 21:01	2

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-206634/6

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			07/22/24 11:49	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			07/22/24 11:49	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			07/22/24 11:49	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			07/22/24 11:49	1
n-Butane	1.2	U	1.2	0.48	ug/m3			07/22/24 11:49	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			07/22/24 11:49	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			07/22/24 11:49	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			07/22/24 11:49	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			07/22/24 11:49	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			07/22/24 11:49	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			07/22/24 11:49	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			07/22/24 11:49	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			07/22/24 11:49	1
Acetone	12	U	12	3.8	ug/m3			07/22/24 11:49	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			07/22/24 11:49	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			07/22/24 11:49	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			07/22/24 11:49	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			07/22/24 11:49	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			07/22/24 11:49	1
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			07/22/24 11:49	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			07/22/24 11:49	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			07/22/24 11:49	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			07/22/24 11:49	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			07/22/24 11:49	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			07/22/24 11:49	1
Chloroform	0.98	U	0.98	0.20	ug/m3			07/22/24 11:49	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			07/22/24 11:49	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			07/22/24 11:49	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			07/22/24 11:49	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			07/22/24 11:49	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			07/22/24 11:49	1
Benzene	0.64	U	0.64	0.14	ug/m3			07/22/24 11:49	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			07/22/24 11:49	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			07/22/24 11:49	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			07/22/24 11:49	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			07/22/24 11:49	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			07/22/24 11:49	1
1,4-Dioxane	18	U	18	0.30	ug/m3			07/22/24 11:49	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			07/22/24 11:49	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			07/22/24 11:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			07/22/24 11:49	1
Toluene	0.75	U	0.75	0.23	ug/m3			07/22/24 11:49	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			07/22/24 11:49	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			07/22/24 11:49	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			07/22/24 11:49	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			07/22/24 11:49	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			07/22/24 11:49	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			07/22/24 11:49	1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206634/6

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			07/22/24 11:49	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			07/22/24 11:49	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			07/22/24 11:49	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			07/22/24 11:49	1
Styrene	0.85	U	0.85	0.25	ug/m3			07/22/24 11:49	1
Bromoform	2.1	U	2.1	1.2	ug/m3			07/22/24 11:49	1
Cumene	0.98	U	0.98	0.20	ug/m3			07/22/24 11:49	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			07/22/24 11:49	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			07/22/24 11:49	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			07/22/24 11:49	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			07/22/24 11:49	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			07/22/24 11:49	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			07/22/24 11:49	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			07/22/24 11:49	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			07/22/24 11:49	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			07/22/24 11:49	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			07/22/24 11:49	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			07/22/24 11:49	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			07/22/24 11:49	1
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			07/22/24 11:49	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			07/22/24 11:49	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			07/22/24 11:49	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			07/22/24 11:49	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			07/22/24 11:49	1

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			07/22/24 11:49	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			07/22/24 11:49	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			07/22/24 11:49	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			07/22/24 11:49	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			07/22/24 11:49	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			07/22/24 11:49	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			07/22/24 11:49	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			07/22/24 11:49	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			07/22/24 11:49	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			07/22/24 11:49	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			07/22/24 11:49	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			07/22/24 11:49	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			07/22/24 11:49	1
Acetone	5.0	U	5.0	1.6	ppb v/v			07/22/24 11:49	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			07/22/24 11:49	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			07/22/24 11:49	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			07/22/24 11:49	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			07/22/24 11:49	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			07/22/24 11:49	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			07/22/24 11:49	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			07/22/24 11:49	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			07/22/24 11:49	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			07/22/24 11:49	1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206634/6

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			07/22/24 11:49	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			07/22/24 11:49	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			07/22/24 11:49	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			07/22/24 11:49	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			07/22/24 11:49	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			07/22/24 11:49	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			07/22/24 11:49	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			07/22/24 11:49	1
Benzene	0.20	U	0.20	0.044	ppb v/v			07/22/24 11:49	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			07/22/24 11:49	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			07/22/24 11:49	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			07/22/24 11:49	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			07/22/24 11:49	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			07/22/24 11:49	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			07/22/24 11:49	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			07/22/24 11:49	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			07/22/24 11:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			07/22/24 11:49	1
Toluene	0.20	U	0.20	0.062	ppb v/v			07/22/24 11:49	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			07/22/24 11:49	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			07/22/24 11:49	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			07/22/24 11:49	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			07/22/24 11:49	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			07/22/24 11:49	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			07/22/24 11:49	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			07/22/24 11:49	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			07/22/24 11:49	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			07/22/24 11:49	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			07/22/24 11:49	1
Styrene	0.20	U	0.20	0.059	ppb v/v			07/22/24 11:49	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			07/22/24 11:49	1
Cumene	0.20	U	0.20	0.041	ppb v/v			07/22/24 11:49	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			07/22/24 11:49	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 11:49	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			07/22/24 11:49	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 11:49	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			07/22/24 11:49	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			07/22/24 11:49	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			07/22/24 11:49	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			07/22/24 11:49	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			07/22/24 11:49	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			07/22/24 11:49	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			07/22/24 11:49	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			07/22/24 11:49	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			07/22/24 11:49	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			07/22/24 11:49	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			07/22/24 11:49	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			07/22/24 11:49	1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206634/6

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	0.38	U	0.38	0.30	ppb v/v			07/22/24 11:49	1

Lab Sample ID: LCS 200-206634/4

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	47.5		ug/m3		96	61 - 142
Chlorodifluoromethane	35.4	38.8		ug/m3		110	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	68.7		ug/m3		98	71 - 141
Chloromethane	20.6	24.9		ug/m3		121	56 - 141
n-Butane	23.8	22.4		ug/m3		94	53 - 151
Vinyl chloride	25.6	21.8		ug/m3		85	61 - 135
1,3-Butadiene	22.1	19.6		ug/m3		89	58 - 139
Bromomethane	38.8	38.2		ug/m3		98	72 - 124
Chloroethane	26.4	29.2		ug/m3		111	68 - 130
Bromoethene(Vinyl Bromide)	43.7	42.5		ug/m3		97	75 - 125
Trichlorofluoromethane	56.2	49.2		ug/m3		88	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	66.9		ug/m3		87	70 - 121
1,1-Dichloroethene	39.6	36.3		ug/m3		92	68 - 120
Acetone	23.7	24.6		ug/m3		103	54 - 154
Isopropyl alcohol	24.6	27.7		ug/m3		113	53 - 142
Carbon disulfide	31.1	31.0		ug/m3		99	71 - 138
3-Chloropropene	31.3	34.0		ug/m3		109	50 - 150
Methylene Chloride	34.7	35.7		ug/m3		103	59 - 137
tert-Butyl alcohol	30.3	29.8		ug/m3		98	66 - 132
Methyl tert-butyl ether	36.0	34.2		ug/m3		95	70 - 127
trans-1,2-Dichloroethene	39.6	40.6		ug/m3		102	69 - 137
n-Hexane	35.2	37.4		ug/m3		106	63 - 138
1,1-Dichloroethane	40.5	40.4		ug/m3		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	30.1		ug/m3		102	72 - 124
cis-1,2-Dichloroethene	39.6	36.8		ug/m3		93	72 - 121
Chloroform	48.8	44.0		ug/m3		90	73 - 124
Tetrahydrofuran	29.5	33.0		ug/m3		112	60 - 149
1,1,1-Trichloroethane	54.6	45.6		ug/m3		84	72 - 127
Cyclohexane	34.4	32.4		ug/m3		94	76 - 124
Carbon tetrachloride	62.9	52.9		ug/m3		84	71 - 133
2,2,4-Trimethylpentane	46.7	49.2		ug/m3		105	68 - 131
Benzene	31.9	30.5		ug/m3		95	73 - 119
1,2-Dichloroethane	40.5	35.3		ug/m3		87	68 - 135
n-Heptane	41.0	44.7		ug/m3		109	60 - 142
Trichloroethene	53.7	47.4		ug/m3		88	73 - 122
Methyl methacrylate	40.9	39.7		ug/m3		97	73 - 129
1,2-Dichloropropane	46.2	46.6		ug/m3		101	69 - 128
1,4-Dioxane	36.0	32.5		ug/m3		90	66 - 129
Bromodichloromethane	67.0	60.9		ug/m3		91	75 - 127
cis-1,3-Dichloropropene	45.4	46.8		ug/m3		103	74 - 125

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206634/4

Matrix: Air

Analysis Batch: 206634

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	43.2		ug/m3		105	58 - 144
Toluene	37.7	35.5		ug/m3		94	75 - 122
trans-1,3-Dichloropropene	45.4	43.7		ug/m3		96	74 - 128
1,1,2-Trichloroethane	54.6	53.4		ug/m3		98	75 - 126
Tetrachloroethene	67.8	55.5		ug/m3		82	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	44.1		ug/m3		108	57 - 143
Dibromochloromethane	85.2	76.5		ug/m3		90	73 - 125
1,2-Dibromoethane	76.8	70.3		ug/m3		92	78 - 122
Chlorobenzene	46.0	41.5		ug/m3		90	76 - 119
Ethylbenzene	43.4	40.5		ug/m3		93	74 - 122
m,p-Xylene	86.8	78.1		ug/m3		90	76 - 121
o-Xylene	43.4	39.2		ug/m3		90	73 - 123
Styrene	42.6	39.4		ug/m3		92	74 - 125
Bromoform	103	95.6		ug/m3		93	53 - 149
Cumene	49.1	44.4		ug/m3		90	73 - 123
1,1,2,2-Tetrachloroethane	68.6	67.0		ug/m3		98	74 - 126
n-Propylbenzene	49.1	46.6		ug/m3		95	73 - 127
4-Ethyltoluene	49.2	45.1		ug/m3		92	75 - 129
1,3,5-Trimethylbenzene	49.2	43.4		ug/m3		88	72 - 126
2-Chlorotoluene	51.8	48.1		ug/m3		93	74 - 126
tert-Butylbenzene	54.9	48.4		ug/m3		88	71 - 125
1,2,4-Trimethylbenzene	49.2	44.6		ug/m3		91	71 - 129
sec-Butylbenzene	54.9	50.2		ug/m3		92	70 - 128
4-Isopropyltoluene	54.9	47.6		ug/m3		87	68 - 130
1,3-Dichlorobenzene	60.1	50.5		ug/m3		84	69 - 131
1,4-Dichlorobenzene	60.1	51.5		ug/m3		86	67 - 132
Benzyl chloride	51.8	52.6		ug/m3		102	60 - 136
n-Butylbenzene	54.9	51.6		ug/m3		94	65 - 137
1,2-Dichlorobenzene	60.1	50.7		ug/m3		84	68 - 129
1,2,4-Trichlorobenzene	74.2	59.0		ug/m3		80	50 - 150
Hexachlorobutadiene	107	84.2		ug/m3		79	58 - 130
Naphthalene	52.4	46.1		ug/m3		88	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.60		ppb v/v		96	61 - 142
Chlorodifluoromethane	10	11.0		ppb v/v		110	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.82		ppb v/v		98	71 - 141
Chloromethane	10	12.1		ppb v/v		121	56 - 141
n-Butane	10	9.40		ppb v/v		94	53 - 151
Vinyl chloride	10	8.52		ppb v/v		85	61 - 135
1,3-Butadiene	10	8.86		ppb v/v		89	58 - 139
Bromomethane	10	9.84		ppb v/v		98	72 - 124
Chloroethane	10	11.1		ppb v/v		111	68 - 130
Bromoethene(Vinyl Bromide)	10	9.72		ppb v/v		97	75 - 125
Trichlorofluoromethane	10	8.76		ppb v/v		88	70 - 129
1,1,2-Trichlorotrifluoroethane	10	8.73		ppb v/v		87	70 - 121
1,1-Dichloroethene	10	9.15		ppb v/v		92	68 - 120

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206634/4

Matrix: Air

Analysis Batch: 206634

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	10	10.3		ppb v/v		103	54 - 154
Isopropyl alcohol	10	11.3		ppb v/v		113	53 - 142
Carbon disulfide	10	9.94		ppb v/v		99	71 - 138
3-Chloropropene	10	10.9		ppb v/v		109	50 - 150
Methylene Chloride	10	10.3		ppb v/v		103	59 - 137
tert-Butyl alcohol	10	9.81		ppb v/v		98	66 - 132
Methyl tert-butyl ether	10	9.48		ppb v/v		95	70 - 127
trans-1,2-Dichloroethene	10	10.2		ppb v/v		102	69 - 137
n-Hexane	10	10.6		ppb v/v		106	63 - 138
1,1-Dichloroethane	10	9.98		ppb v/v		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.2		ppb v/v		102	72 - 124
cis-1,2-Dichloroethene	10	9.29		ppb v/v		93	72 - 121
Chloroform	10	9.00		ppb v/v		90	73 - 124
Tetrahydrofuran	10	11.2		ppb v/v		112	60 - 149
1,1,1-Trichloroethane	10	8.36		ppb v/v		84	72 - 127
Cyclohexane	10	9.41		ppb v/v		94	76 - 124
Carbon tetrachloride	10	8.40		ppb v/v		84	71 - 133
2,2,4-Trimethylpentane	10	10.5		ppb v/v		105	68 - 131
Benzene	10	9.55		ppb v/v		95	73 - 119
1,2-Dichloroethane	10	8.72		ppb v/v		87	68 - 135
n-Heptane	10	10.9		ppb v/v		109	60 - 142
Trichloroethene	10	8.82		ppb v/v		88	73 - 122
Methyl methacrylate	10	9.69		ppb v/v		97	73 - 129
1,2-Dichloropropane	10	10.1		ppb v/v		101	69 - 128
1,4-Dioxane	10	9.01		ppb v/v		90	66 - 129
Bromodichloromethane	10	9.09		ppb v/v		91	75 - 127
cis-1,3-Dichloropropene	10	10.3		ppb v/v		103	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.5		ppb v/v		105	58 - 144
Toluene	10	9.42		ppb v/v		94	75 - 122
trans-1,3-Dichloropropene	10	9.63		ppb v/v		96	74 - 128
1,1,2-Trichloroethane	10	9.79		ppb v/v		98	75 - 126
Tetrachloroethene	10	8.19		ppb v/v		82	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	10.8		ppb v/v		108	57 - 143
Dibromochloromethane	10	8.98		ppb v/v		90	73 - 125
1,2-Dibromoethane	10	9.15		ppb v/v		92	78 - 122
Chlorobenzene	10	9.01		ppb v/v		90	76 - 119
Ethylbenzene	10	9.32		ppb v/v		93	74 - 122
m,p-Xylene	20	18.0		ppb v/v		90	76 - 121
o-Xylene	10	9.03		ppb v/v		90	73 - 123
Styrene	10	9.24		ppb v/v		92	74 - 125
Bromoform	10	9.25		ppb v/v		93	53 - 149
Cumene	10	9.04		ppb v/v		90	73 - 123
1,1,2,2-Tetrachloroethane	10	9.75		ppb v/v		98	74 - 126
n-Propylbenzene	10	9.49		ppb v/v		95	73 - 127
4-Ethyltoluene	10	9.18		ppb v/v		92	75 - 129
1,3,5-Trimethylbenzene	10	8.83		ppb v/v		88	72 - 126

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206634/4

Matrix: Air

Analysis Batch: 206634

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorotoluene	10	9.29		ppb v/v		93	74 - 126
tert-Butylbenzene	10	8.82		ppb v/v		88	71 - 125
1,2,4-Trimethylbenzene	10	9.07		ppb v/v		91	71 - 129
sec-Butylbenzene	10	9.15		ppb v/v		92	70 - 128
4-Isopropyltoluene	10	8.68		ppb v/v		87	68 - 130
1,3-Dichlorobenzene	10	8.40		ppb v/v		84	69 - 131
1,4-Dichlorobenzene	10	8.56		ppb v/v		86	67 - 132
Benzyl chloride	10	10.2		ppb v/v		102	60 - 136
n-Butylbenzene	10	9.40		ppb v/v		94	65 - 137
1,2-Dichlorobenzene	10	8.44		ppb v/v		84	68 - 129
1,2,4-Trichlorobenzene	10	7.95		ppb v/v		80	50 - 150
Hexachlorobutadiene	10	7.89		ppb v/v		79	58 - 130
Naphthalene	10	8.80		ppb v/v		88	50 - 150

Lab Sample ID: 200-74410-3 DU

Matrix: Air

Analysis Batch: 206634

Client Sample ID: FACTORY-EFF2_071724

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	2.0	J	2.13	J	ug/m3		7	25
Chlorodifluoromethane	1.1	J	1.10	J	ug/m3		3	25
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	U	ug/m3		NC	25
Chloromethane	1.3		1.35		ug/m3		7	25
n-Butane	56		60.5		ug/m3		8	25
Vinyl chloride	0.20	U	0.20	U	ug/m3		NC	25
1,3-Butadiene	0.16	J	0.167	J	ug/m3		5	25
Bromomethane	0.78	U	0.78	U	ug/m3		NC	25
Chloroethane	1.3	U	1.3	U	ug/m3		NC	25
Bromoethene(Vinyl Bromide)	0.87	U	0.87	U	ug/m3		NC	25
Trichlorofluoromethane	1.1		1.11		ug/m3		4	25
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	U	ug/m3		NC	25
1,1-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
Acetone	120	E	133	E	ug/m3		8	25
Isopropyl alcohol	29		31.3		ug/m3		8	25
Carbon disulfide	1.7		1.79		ug/m3		7	25
3-Chloropropene	1.6	U	1.6	U	ug/m3		NC	25
Methylene Chloride	12		12.4		ug/m3		7	25
tert-Butyl alcohol	4.3	J	4.65	J	ug/m3		9	25
Methyl tert-butyl ether	0.72	U	0.72	U	ug/m3		NC	25
trans-1,2-Dichloroethene	0.79	U	0.79	U	ug/m3		NC	25
n-Hexane	1.8		1.94		ug/m3		9	25
1,1-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
Methyl Ethyl Ketone (2-Butanone)	5.2		5.69		ug/m3		9	25
cis-1,2-Dichloroethene	0.20	U	0.20	U	ug/m3		NC	25
Chloroform	0.88	J	0.981		ug/m3		11	25
Tetrahydrofuran	15	U	15	U	ug/m3		NC	25
1,1,1-Trichloroethane	0.31	J	0.365	J	ug/m3		16	25
Cyclohexane	0.59	J	0.649	J	ug/m3		10	25

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 200-74410-3 DU

Matrix: Air

Analysis Batch: 206634

Client Sample ID: FACTORY-EFF2_071724

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Carbon tetrachloride	0.51		0.549		ug/m3		8	25
2,2,4-Trimethylpentane	2.0		2.16		ug/m3		10	25
Benzene	6.2		6.74		ug/m3		9	25
1,2-Dichloroethane	0.81	U	0.81	U	ug/m3		NC	25
n-Heptane	2.3		2.39		ug/m3		5	25
Trichloroethene	18		20.2		ug/m3		9	25
Methyl methacrylate	2.0	U	2.0	U	ug/m3		NC	25
1,2-Dichloropropane	0.92	U	0.92	U	ug/m3		NC	25
1,4-Dioxane	18	U	18	U	ug/m3		NC	25
Bromodichloromethane	1.3	U	1.3	U	ug/m3		NC	25
cis-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	3.7		4.45		ug/m3		19	25
Toluene	30		32.0		ug/m3		7	25
trans-1,3-Dichloropropene	0.91	U	0.91	U	ug/m3		NC	25
1,1,2-Trichloroethane	1.1	U	1.1	U	ug/m3		NC	25
Tetrachloroethene	0.21	J	0.188	J	ug/m3		10	25
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	U	ug/m3		NC	25
Dibromochloromethane	1.7	U	1.7	U	ug/m3		NC	25
1,2-Dibromoethane	1.5	U	1.5	U	ug/m3		NC	25
Chlorobenzene	0.92	U	0.92	U	ug/m3		NC	25
Ethylbenzene	1.7		1.87		ug/m3		10	25
m,p-Xylene	6.2		6.62		ug/m3		6	25
o-Xylene	2.2		2.40		ug/m3		7	25
Styrene	0.72	J	0.755	J	ug/m3		5	25
Bromoform	2.1	U	2.1	U	ug/m3		NC	25
Cumene	0.39	J	0.423	J	ug/m3		8	25
1,1,2,2-Tetrachloroethane	1.4	U	1.4	U	ug/m3		NC	25
n-Propylbenzene	0.36	J	0.403	J	ug/m3		11	25
4-Ethyltoluene	0.32	J	0.345	J	ug/m3		8	25
1,3,5-Trimethylbenzene	0.34	J	0.367	J	ug/m3		8	25
2-Chlorotoluene	1.0	U	1.0	U	ug/m3		NC	25
tert-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
1,2,4-Trimethylbenzene	1.4		1.51		ug/m3		8	25
sec-Butylbenzene	0.41	J	0.431	J	ug/m3		4	25
4-Isopropyltoluene	1.1	U	1.1	U	ug/m3		NC	25
1,3-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,4-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
Benzyl chloride	1.0	U	1.0	U	ug/m3		NC	25
n-Butylbenzene	1.1	U	1.1	U	ug/m3		NC	25
1,2-Dichlorobenzene	1.2	U	1.2	U	ug/m3		NC	25
1,2,4-Trichlorobenzene	3.7	U	3.7	U	ug/m3		NC	25
Hexachlorobutadiene	2.1	U	2.1	U	ug/m3		NC	25
Naphthalene	4.5		5.07		ug/m3		11	25
Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Dichlorodifluoromethane	0.40	J	0.430	J	ppb v/v		7	25
Chlorodifluoromethane	0.30	J	0.310	J	ppb v/v		3	25

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 200-74410-3 DU

Matrix: Air

Analysis Batch: 206634

Client Sample ID: FACTORY-EFF2_071724

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	U	ppb v/v		NC	25
Chloromethane	0.61		0.655		ppb v/v		7	25
n-Butane	24		25.4		ppb v/v		8	25
Vinyl chloride	0.078	U	0.078	U	ppb v/v		NC	25
1,3-Butadiene	0.072	J	0.0757	J	ppb v/v		5	25
Bromomethane	0.20	U	0.20	U	ppb v/v		NC	25
Chloroethane	0.50	U	0.50	U	ppb v/v		NC	25
Bromoethene(Vinyl Bromide)	0.20	U	0.20	U	ppb v/v		NC	25
Trichlorofluoromethane	0.19		0.197		ppb v/v		4	25
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	U	ppb v/v		NC	25
1,1-Dichloroethene	0.050	U	0.050	U	ppb v/v		NC	25
Acetone	120	E	55.9	E	ppb v/v		8	25
Isopropyl alcohol	12		12.7		ppb v/v		8	25
Carbon disulfide	0.54		0.574		ppb v/v		7	25
3-Chloropropene	0.50	U	0.50	U	ppb v/v		NC	25
Methylene Chloride	3.3		3.57		ppb v/v		7	25
tert-Butyl alcohol	1.4	J	1.53	J	ppb v/v		9	25
Methyl tert-butyl ether	0.20	U	0.20	U	ppb v/v		NC	25
trans-1,2-Dichloroethene	0.20	U	0.20	U	ppb v/v		NC	25
n-Hexane	0.50		0.551		ppb v/v		9	25
1,1-Dichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
Methyl Ethyl Ketone (2-Butanone)	1.8		1.93		ppb v/v		9	25
cis-1,2-Dichloroethene	0.050	U	0.050	U	ppb v/v		NC	25
Chloroform	0.18	J	0.201		ppb v/v		11	25
Tetrahydrofuran	5.0	U	5.0	U	ppb v/v		NC	25
1,1,1-Trichloroethane	0.057	J	0.0668	J	ppb v/v		16	25
Cyclohexane	0.17	J	0.189	J	ppb v/v		10	25
Carbon tetrachloride	0.080		0.0873		ppb v/v		8	25
2,2,4-Trimethylpentane	0.42		0.463		ppb v/v		10	25
Benzene	1.9		2.11		ppb v/v		9	25
1,2-Dichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
n-Heptane	0.55		0.584		ppb v/v		5	25
Trichloroethene	3.4		3.76		ppb v/v		9	25
Methyl methacrylate	0.50	U	0.50	U	ppb v/v		NC	25
1,2-Dichloropropane	0.20	U	0.20	U	ppb v/v		NC	25
1,4-Dioxane	5.0	U	5.0	U	ppb v/v		NC	25
Bromodichloromethane	0.20	U	0.20	U	ppb v/v		NC	25
cis-1,3-Dichloropropene	0.20	U	0.20	U	ppb v/v		NC	25
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.90		1.09		ppb v/v		19	25
Toluene	7.9		8.49		ppb v/v		7	25
trans-1,3-Dichloropropene	0.20	U	0.20	U	ppb v/v		NC	25
1,1,2-Trichloroethane	0.20	U	0.20	U	ppb v/v		NC	25
Tetrachloroethene	0.030	J	0.0276	J	ppb v/v		10	25
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	U	ppb v/v		NC	25
Dibromochloromethane	0.20	U	0.20	U	ppb v/v		NC	25
1,2-Dibromoethane	0.20	U	0.20	U	ppb v/v		NC	25

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: 200-74410-3 DU

Matrix: Air

Analysis Batch: 206634

Client Sample ID: FACTORY-EFF2_071724

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Chlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
Ethylbenzene	0.39		0.432		ppb v/v		10	25
m,p-Xylene	1.4		1.52		ppb v/v		6	25
o-Xylene	0.51		0.552		ppb v/v		7	25
Styrene	0.17	J	0.177	J	ppb v/v		5	25
Bromoform	0.20	U	0.20	U	ppb v/v		NC	25
Cumene	0.079	J	0.0860	J	ppb v/v		8	25
1,1,2,2-Tetrachloroethane	0.20	U	0.20	U	ppb v/v		NC	25
n-Propylbenzene	0.074	J	0.0819	J	ppb v/v		11	25
4-Ethyltoluene	0.065	J	0.0701	J	ppb v/v		8	25
1,3,5-Trimethylbenzene	0.069	J	0.0747	J	ppb v/v		8	25
2-Chlorotoluene	0.20	U	0.20	U	ppb v/v		NC	25
tert-Butylbenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2,4-Trimethylbenzene	0.28		0.307		ppb v/v		8	25
sec-Butylbenzene	0.075	J	0.0785	J	ppb v/v		4	25
4-Isopropyltoluene	0.20	U	0.20	U	ppb v/v		NC	25
1,3-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,4-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
Benzyl chloride	0.20	U	0.20	U	ppb v/v		NC	25
n-Butylbenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2-Dichlorobenzene	0.20	U	0.20	U	ppb v/v		NC	25
1,2,4-Trichlorobenzene	0.50	U	0.50	U	ppb v/v		NC	25
Hexachlorobutadiene	0.20	U	0.20	U	ppb v/v		NC	25
Naphthalene	0.86		0.967		ppb v/v		11	25

Lab Sample ID: MB 200-206684/5

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.5	U	2.5	0.54	ug/m3			07/23/24 10:40	1
Chlorodifluoromethane	1.8	U	1.8	0.42	ug/m3			07/23/24 10:40	1
1,2-Dichlorotetrafluoroethane	1.4	U	1.4	0.34	ug/m3			07/23/24 10:40	1
Chloromethane	1.0	U	1.0	0.31	ug/m3			07/23/24 10:40	1
n-Butane	1.2	U	1.2	0.48	ug/m3			07/23/24 10:40	1
Vinyl chloride	0.20	U	0.20	0.054	ug/m3			07/23/24 10:40	1
1,3-Butadiene	0.44	U	0.44	0.086	ug/m3			07/23/24 10:40	1
Bromomethane	0.78	U	0.78	0.28	ug/m3			07/23/24 10:40	1
Chloroethane	1.3	U	1.3	0.47	ug/m3			07/23/24 10:40	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.22	ug/m3			07/23/24 10:40	1
Trichlorofluoromethane	1.1	U	1.1	0.28	ug/m3			07/23/24 10:40	1
1,1,2-Trichlorotrifluoroethane	1.5	U	1.5	0.41	ug/m3			07/23/24 10:40	1
1,1-Dichloroethene	0.20	U	0.20	0.10	ug/m3			07/23/24 10:40	1
Acetone	12	U	12	3.8	ug/m3			07/23/24 10:40	1
Isopropyl alcohol	12	U	12	3.9	ug/m3			07/23/24 10:40	1
Carbon disulfide	1.6	U	1.6	0.40	ug/m3			07/23/24 10:40	1
3-Chloropropene	1.6	U	1.6	0.38	ug/m3			07/23/24 10:40	1
Methylene Chloride	1.7	U	1.7	0.63	ug/m3			07/23/24 10:40	1
tert-Butyl alcohol	15	U	15	3.6	ug/m3			07/23/24 10:40	1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206684/5

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.72	U	0.72	0.13	ug/m3			07/23/24 10:40	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.091	ug/m3			07/23/24 10:40	1
n-Hexane	1.8	U	1.8	0.39	ug/m3			07/23/24 10:40	1
1,1-Dichloroethane	0.81	U	0.81	0.10	ug/m3			07/23/24 10:40	1
Methyl Ethyl Ketone (2-Butanone)	1.5	U	1.5	1.4	ug/m3			07/23/24 10:40	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.083	ug/m3			07/23/24 10:40	1
Chloroform	0.98	U	0.98	0.20	ug/m3			07/23/24 10:40	1
Tetrahydrofuran	15	U	15	3.8	ug/m3			07/23/24 10:40	1
1,1,1-Trichloroethane	1.1	U	1.1	0.24	ug/m3			07/23/24 10:40	1
Cyclohexane	0.69	U	0.69	0.20	ug/m3			07/23/24 10:40	1
Carbon tetrachloride	0.22	U	0.22	0.14	ug/m3			07/23/24 10:40	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.18	ug/m3			07/23/24 10:40	1
Benzene	0.64	U	0.64	0.14	ug/m3			07/23/24 10:40	1
1,2-Dichloroethane	0.81	U	0.81	0.38	ug/m3			07/23/24 10:40	1
n-Heptane	0.82	U	0.82	0.23	ug/m3			07/23/24 10:40	1
Trichloroethene	0.20	U	0.20	0.13	ug/m3			07/23/24 10:40	1
Methyl methacrylate	2.0	U	2.0	0.57	ug/m3			07/23/24 10:40	1
1,2-Dichloropropane	0.92	U	0.92	0.43	ug/m3			07/23/24 10:40	1
1,4-Dioxane	18	U	18	0.30	ug/m3			07/23/24 10:40	1
Bromodichloromethane	1.3	U	1.3	0.34	ug/m3			07/23/24 10:40	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.20	ug/m3			07/23/24 10:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.0	U	2.0	0.53	ug/m3			07/23/24 10:40	1
Toluene	0.75	U	0.75	0.23	ug/m3			07/23/24 10:40	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			07/23/24 10:40	1
1,1,2-Trichloroethane	1.1	U	1.1	0.40	ug/m3			07/23/24 10:40	1
Tetrachloroethene	1.4	U	1.4	0.14	ug/m3			07/23/24 10:40	1
Methyl Butyl Ketone (2-Hexanone)	2.0	U	2.0	0.61	ug/m3			07/23/24 10:40	1
Dibromochloromethane	1.7	U	1.7	0.54	ug/m3			07/23/24 10:40	1
1,2-Dibromoethane	1.5	U	1.5	0.32	ug/m3			07/23/24 10:40	1
Chlorobenzene	0.92	U	0.92	0.20	ug/m3			07/23/24 10:40	1
Ethylbenzene	0.87	U	0.87	0.30	ug/m3			07/23/24 10:40	1
m,p-Xylene	2.2	U	2.2	0.41	ug/m3			07/23/24 10:40	1
o-Xylene	0.87	U	0.87	0.27	ug/m3			07/23/24 10:40	1
Styrene	0.85	U	0.85	0.25	ug/m3			07/23/24 10:40	1
Bromoform	2.1	U	2.1	1.2	ug/m3			07/23/24 10:40	1
Cumene	0.98	U	0.98	0.20	ug/m3			07/23/24 10:40	1
1,1,2,2-Tetrachloroethane	1.4	U	1.4	0.30	ug/m3			07/23/24 10:40	1
n-Propylbenzene	0.98	U	0.98	0.23	ug/m3			07/23/24 10:40	1
4-Ethyltoluene	0.98	U	0.98	0.24	ug/m3			07/23/24 10:40	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.23	ug/m3			07/23/24 10:40	1
2-Chlorotoluene	1.0	U	1.0	0.24	ug/m3			07/23/24 10:40	1
tert-Butylbenzene	1.1	U	1.1	0.26	ug/m3			07/23/24 10:40	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.39	ug/m3			07/23/24 10:40	1
sec-Butylbenzene	1.1	U	1.1	0.25	ug/m3			07/23/24 10:40	1
4-Isopropyltoluene	1.1	U	1.1	0.33	ug/m3			07/23/24 10:40	1
1,3-Dichlorobenzene	1.2	U	1.2	0.44	ug/m3			07/23/24 10:40	1
1,4-Dichlorobenzene	1.2	U	1.2	0.54	ug/m3			07/23/24 10:40	1
Benzyl chloride	1.0	U	1.0	0.46	ug/m3			07/23/24 10:40	1

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206684/5

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	1.1	U	1.1	0.60	ug/m3			07/23/24 10:40	1
1,2-Dichlorobenzene	1.2	U	1.2	0.40	ug/m3			07/23/24 10:40	1
1,2,4-Trichlorobenzene	3.7	U	3.7	2.4	ug/m3			07/23/24 10:40	1
Hexachlorobutadiene	2.1	U	2.1	1.2	ug/m3			07/23/24 10:40	1
Naphthalene	2.0	U	2.0	1.6	ug/m3			07/23/24 10:40	1
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	0.50	U	0.50	0.11	ppb v/v			07/23/24 10:40	1
Chlorodifluoromethane	0.50	U	0.50	0.12	ppb v/v			07/23/24 10:40	1
1,2-Dichlorotetrafluoroethane	0.20	U	0.20	0.048	ppb v/v			07/23/24 10:40	1
Chloromethane	0.50	U	0.50	0.15	ppb v/v			07/23/24 10:40	1
n-Butane	0.50	U	0.50	0.20	ppb v/v			07/23/24 10:40	1
Vinyl chloride	0.078	U	0.078	0.021	ppb v/v			07/23/24 10:40	1
1,3-Butadiene	0.20	U	0.20	0.039	ppb v/v			07/23/24 10:40	1
Bromomethane	0.20	U	0.20	0.071	ppb v/v			07/23/24 10:40	1
Chloroethane	0.50	U	0.50	0.18	ppb v/v			07/23/24 10:40	1
Bromoethene(Vinyl Bromide)	0.20	U	0.20	0.050	ppb v/v			07/23/24 10:40	1
Trichlorofluoromethane	0.20	U	0.20	0.050	ppb v/v			07/23/24 10:40	1
1,1,2-Trichlorotrifluoroethane	0.20	U	0.20	0.053	ppb v/v			07/23/24 10:40	1
1,1-Dichloroethene	0.050	U	0.050	0.026	ppb v/v			07/23/24 10:40	1
Acetone	5.0	U	5.0	1.6	ppb v/v			07/23/24 10:40	1
Isopropyl alcohol	5.0	U	5.0	1.6	ppb v/v			07/23/24 10:40	1
Carbon disulfide	0.50	U	0.50	0.13	ppb v/v			07/23/24 10:40	1
3-Chloropropene	0.50	U	0.50	0.12	ppb v/v			07/23/24 10:40	1
Methylene Chloride	0.50	U	0.50	0.18	ppb v/v			07/23/24 10:40	1
tert-Butyl alcohol	5.0	U	5.0	1.2	ppb v/v			07/23/24 10:40	1
Methyl tert-butyl ether	0.20	U	0.20	0.036	ppb v/v			07/23/24 10:40	1
trans-1,2-Dichloroethene	0.20	U	0.20	0.023	ppb v/v			07/23/24 10:40	1
n-Hexane	0.50	U	0.50	0.11	ppb v/v			07/23/24 10:40	1
1,1-Dichloroethane	0.20	U	0.20	0.025	ppb v/v			07/23/24 10:40	1
Methyl Ethyl Ketone (2-Butanone)	0.50	U	0.50	0.49	ppb v/v			07/23/24 10:40	1
cis-1,2-Dichloroethene	0.050	U	0.050	0.021	ppb v/v			07/23/24 10:40	1
Chloroform	0.20	U	0.20	0.041	ppb v/v			07/23/24 10:40	1
Tetrahydrofuran	5.0	U	5.0	1.3	ppb v/v			07/23/24 10:40	1
1,1,1-Trichloroethane	0.20	U	0.20	0.044	ppb v/v			07/23/24 10:40	1
Cyclohexane	0.20	U	0.20	0.058	ppb v/v			07/23/24 10:40	1
Carbon tetrachloride	0.035	U	0.035	0.022	ppb v/v			07/23/24 10:40	1
2,2,4-Trimethylpentane	0.20	U	0.20	0.038	ppb v/v			07/23/24 10:40	1
Benzene	0.20	U	0.20	0.044	ppb v/v			07/23/24 10:40	1
1,2-Dichloroethane	0.20	U	0.20	0.093	ppb v/v			07/23/24 10:40	1
n-Heptane	0.20	U	0.20	0.055	ppb v/v			07/23/24 10:40	1
Trichloroethene	0.037	U	0.037	0.025	ppb v/v			07/23/24 10:40	1
Methyl methacrylate	0.50	U	0.50	0.14	ppb v/v			07/23/24 10:40	1
1,2-Dichloropropane	0.20	U	0.20	0.094	ppb v/v			07/23/24 10:40	1
1,4-Dioxane	5.0	U	5.0	0.082	ppb v/v			07/23/24 10:40	1
Bromodichloromethane	0.20	U	0.20	0.050	ppb v/v			07/23/24 10:40	1
cis-1,3-Dichloropropene	0.20	U	0.20	0.045	ppb v/v			07/23/24 10:40	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	0.50	U	0.50	0.13	ppb v/v			07/23/24 10:40	1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-206684/5

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	0.20	U	0.20	0.062	ppb v/v			07/23/24 10:40	1
trans-1,3-Dichloropropene	0.20	U	0.20	0.054	ppb v/v			07/23/24 10:40	1
1,1,2-Trichloroethane	0.20	U	0.20	0.074	ppb v/v			07/23/24 10:40	1
Tetrachloroethene	0.20	U	0.20	0.021	ppb v/v			07/23/24 10:40	1
Methyl Butyl Ketone (2-Hexanone)	0.50	U	0.50	0.15	ppb v/v			07/23/24 10:40	1
Dibromochloromethane	0.20	U	0.20	0.063	ppb v/v			07/23/24 10:40	1
1,2-Dibromoethane	0.20	U	0.20	0.042	ppb v/v			07/23/24 10:40	1
Chlorobenzene	0.20	U	0.20	0.044	ppb v/v			07/23/24 10:40	1
Ethylbenzene	0.20	U	0.20	0.069	ppb v/v			07/23/24 10:40	1
m,p-Xylene	0.50	U	0.50	0.095	ppb v/v			07/23/24 10:40	1
o-Xylene	0.20	U	0.20	0.063	ppb v/v			07/23/24 10:40	1
Styrene	0.20	U	0.20	0.059	ppb v/v			07/23/24 10:40	1
Bromoform	0.20	U	0.20	0.12	ppb v/v			07/23/24 10:40	1
Cumene	0.20	U	0.20	0.041	ppb v/v			07/23/24 10:40	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.043	ppb v/v			07/23/24 10:40	1
n-Propylbenzene	0.20	U	0.20	0.047	ppb v/v			07/23/24 10:40	1
4-Ethyltoluene	0.20	U	0.20	0.049	ppb v/v			07/23/24 10:40	1
1,3,5-Trimethylbenzene	0.20	U	0.20	0.047	ppb v/v			07/23/24 10:40	1
2-Chlorotoluene	0.20	U	0.20	0.046	ppb v/v			07/23/24 10:40	1
tert-Butylbenzene	0.20	U	0.20	0.047	ppb v/v			07/23/24 10:40	1
1,2,4-Trimethylbenzene	0.20	U	0.20	0.080	ppb v/v			07/23/24 10:40	1
sec-Butylbenzene	0.20	U	0.20	0.045	ppb v/v			07/23/24 10:40	1
4-Isopropyltoluene	0.20	U	0.20	0.061	ppb v/v			07/23/24 10:40	1
1,3-Dichlorobenzene	0.20	U	0.20	0.074	ppb v/v			07/23/24 10:40	1
1,4-Dichlorobenzene	0.20	U	0.20	0.089	ppb v/v			07/23/24 10:40	1
Benzyl chloride	0.20	U	0.20	0.088	ppb v/v			07/23/24 10:40	1
n-Butylbenzene	0.20	U	0.20	0.11	ppb v/v			07/23/24 10:40	1
1,2-Dichlorobenzene	0.20	U	0.20	0.066	ppb v/v			07/23/24 10:40	1
1,2,4-Trichlorobenzene	0.50	U	0.50	0.33	ppb v/v			07/23/24 10:40	1
Hexachlorobutadiene	0.20	U	0.20	0.11	ppb v/v			07/23/24 10:40	1
Naphthalene	0.38	U	0.38	0.30	ppb v/v			07/23/24 10:40	1

Lab Sample ID: LCS 200-206684/3

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	48.7		ug/m3		99	61 - 142
Chlorodifluoromethane	35.4	36.6		ug/m3		103	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	69.3		ug/m3		99	71 - 141
Chloromethane	20.6	22.1		ug/m3		107	56 - 141
n-Butane	23.8	26.4		ug/m3		111	53 - 151
Vinyl chloride	25.6	25.1		ug/m3		98	61 - 135
1,3-Butadiene	22.1	21.5		ug/m3		97	58 - 139
Bromomethane	38.8	37.9		ug/m3		98	72 - 124
Chloroethane	26.4	27.6		ug/m3		104	68 - 130
Bromoethene(Vinyl Bromide)	43.7	41.8		ug/m3		96	75 - 125
Trichlorofluoromethane	56.2	53.6		ug/m3		95	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	72.8		ug/m3		95	70 - 121

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206684/3

Matrix: Air

Analysis Batch: 206684

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	39.6	37.1		ug/m3		94	68 - 120
Acetone	23.7	26.2		ug/m3		110	54 - 154
Isopropyl alcohol	24.6	27.9		ug/m3		113	53 - 142
Carbon disulfide	31.1	31.6		ug/m3		101	71 - 138
3-Chloropropene	31.3	31.4		ug/m3		100	50 - 150
Methylene Chloride	34.7	36.9		ug/m3		106	59 - 137
tert-Butyl alcohol	30.3	33.5		ug/m3		111	66 - 132
Methyl tert-butyl ether	36.0	36.9		ug/m3		102	70 - 127
trans-1,2-Dichloroethene	39.6	39.5		ug/m3		100	69 - 137
n-Hexane	35.2	35.7		ug/m3		101	63 - 138
1,1-Dichloroethane	40.5	40.0		ug/m3		99	66 - 130
Methyl Ethyl Ketone	29.5	29.9		ug/m3		101	72 - 124
(2-Butanone)							
cis-1,2-Dichloroethene	39.6	36.6		ug/m3		92	72 - 121
Chloroform	48.8	47.1		ug/m3		96	73 - 124
Tetrahydrofuran	29.5	33.0		ug/m3		112	60 - 149
1,1,1-Trichloroethane	54.6	51.6		ug/m3		95	72 - 127
Cyclohexane	34.4	33.2		ug/m3		97	76 - 124
Carbon tetrachloride	62.9	58.2		ug/m3		93	71 - 133
2,2,4-Trimethylpentane	46.7	47.7		ug/m3		102	68 - 131
Benzene	31.9	31.2		ug/m3		98	73 - 119
1,2-Dichloroethane	40.5	39.9		ug/m3		99	68 - 135
n-Heptane	41.0	42.8		ug/m3		104	60 - 142
Trichloroethene	53.7	49.9		ug/m3		93	73 - 122
Methyl methacrylate	40.9	42.0		ug/m3		103	73 - 129
1,2-Dichloropropane	46.2	46.9		ug/m3		102	69 - 128
1,4-Dioxane	36.0	38.8		ug/m3		108	66 - 129
Bromodichloromethane	67.0	65.0		ug/m3		97	75 - 127
cis-1,3-Dichloropropene	45.4	44.9		ug/m3		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	43.9		ug/m3		107	58 - 144
Toluene	37.7	36.3		ug/m3		96	75 - 122
trans-1,3-Dichloropropene	45.4	45.3		ug/m3		100	74 - 128
1,1,2-Trichloroethane	54.6	54.0		ug/m3		99	75 - 126
Tetrachloroethene	67.8	58.6		ug/m3		86	70 - 125
Methyl Butyl Ketone	41.0	45.1		ug/m3		110	57 - 143
(2-Hexanone)							
Dibromochloromethane	85.2	80.0		ug/m3		94	73 - 125
1,2-Dibromoethane	76.8	73.6		ug/m3		96	78 - 122
Chlorobenzene	46.0	43.4		ug/m3		94	76 - 119
Ethylbenzene	43.4	42.3		ug/m3		97	74 - 122
m,p-Xylene	86.8	82.9		ug/m3		96	76 - 121
o-Xylene	43.4	41.4		ug/m3		95	73 - 123
Styrene	42.6	41.4		ug/m3		97	74 - 125
Bromoform	103	93.6		ug/m3		91	53 - 149
Cumene	49.1	47.5		ug/m3		97	73 - 123
1,1,2,2-Tetrachloroethane	68.6	69.1		ug/m3		101	74 - 126
n-Propylbenzene	49.1	49.6		ug/m3		101	73 - 127
4-Ethyltoluene	49.2	48.8		ug/m3		99	75 - 129

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206684/3

Matrix: Air

Analysis Batch: 206684

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,3,5-Trimethylbenzene	49.2	48.4		ug/m3		99	72 - 126
2-Chlorotoluene	51.8	51.1		ug/m3		99	74 - 126
tert-Butylbenzene	54.9	52.7		ug/m3		96	71 - 125
1,2,4-Trimethylbenzene	49.2	48.7		ug/m3		99	71 - 129
sec-Butylbenzene	54.9	54.7		ug/m3		100	70 - 128
4-Isopropyltoluene	54.9	54.0		ug/m3		98	68 - 130
1,3-Dichlorobenzene	60.1	57.2		ug/m3		95	69 - 131
1,4-Dichlorobenzene	60.1	57.3		ug/m3		95	67 - 132
Benzyl chloride	51.8	55.5		ug/m3		107	60 - 136
n-Butylbenzene	54.9	55.9		ug/m3		102	65 - 137
1,2-Dichlorobenzene	60.1	57.3		ug/m3		95	68 - 129
1,2,4-Trichlorobenzene	74.2	65.9		ug/m3		89	50 - 150
Hexachlorobutadiene	107	89.1		ug/m3		84	58 - 130
Naphthalene	52.4	61.2		ug/m3		117	50 - 150
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	10	9.85		ppb v/v		99	61 - 142
Chlorodifluoromethane	10	10.3		ppb v/v		103	60 - 147
1,2-Dichlorotetrafluoroethane	10	9.91		ppb v/v		99	71 - 141
Chloromethane	10	10.7		ppb v/v		107	56 - 141
n-Butane	10	11.1		ppb v/v		111	53 - 151
Vinyl chloride	10	9.83		ppb v/v		98	61 - 135
1,3-Butadiene	10	9.70		ppb v/v		97	58 - 139
Bromomethane	10	9.77		ppb v/v		98	72 - 124
Chloroethane	10	10.4		ppb v/v		104	68 - 130
Bromoethene(Vinyl Bromide)	10	9.57		ppb v/v		96	75 - 125
Trichlorofluoromethane	10	9.53		ppb v/v		95	70 - 129
1,1,2-Trichlorotrifluoroethane	10	9.50		ppb v/v		95	70 - 121
1,1-Dichloroethene	10	9.35		ppb v/v		94	68 - 120
Acetone	10	11.0		ppb v/v		110	54 - 154
Isopropyl alcohol	10	11.3		ppb v/v		113	53 - 142
Carbon disulfide	10	10.1		ppb v/v		101	71 - 138
3-Chloropropene	10	10.0		ppb v/v		100	50 - 150
Methylene Chloride	10	10.6		ppb v/v		106	59 - 137
tert-Butyl alcohol	10	11.1		ppb v/v		111	66 - 132
Methyl tert-butyl ether	10	10.2		ppb v/v		102	70 - 127
trans-1,2-Dichloroethene	10	9.95		ppb v/v		100	69 - 137
n-Hexane	10	10.1		ppb v/v		101	63 - 138
1,1-Dichloroethane	10	9.87		ppb v/v		99	66 - 130
Methyl Ethyl Ketone (2-Butanone)	10	10.1		ppb v/v		101	72 - 124
cis-1,2-Dichloroethene	10	9.22		ppb v/v		92	72 - 121
Chloroform	10	9.65		ppb v/v		96	73 - 124
Tetrahydrofuran	10	11.2		ppb v/v		112	60 - 149
1,1,1-Trichloroethane	10	9.46		ppb v/v		95	72 - 127
Cyclohexane	10	9.65		ppb v/v		97	76 - 124
Carbon tetrachloride	10	9.25		ppb v/v		93	71 - 133
2,2,4-Trimethylpentane	10	10.2		ppb v/v		102	68 - 131
Benzene	10	9.76		ppb v/v		98	73 - 119

Eurofins Burlington

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-206684/3

Matrix: Air

Analysis Batch: 206684

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	10	9.86		ppb v/v		99	68 - 135
n-Heptane	10	10.4		ppb v/v		104	60 - 142
Trichloroethene	10	9.28		ppb v/v		93	73 - 122
Methyl methacrylate	10	10.3		ppb v/v		103	73 - 129
1,2-Dichloropropane	10	10.2		ppb v/v		102	69 - 128
1,4-Dioxane	10	10.8		ppb v/v		108	66 - 129
Bromodichloromethane	10	9.70		ppb v/v		97	75 - 127
cis-1,3-Dichloropropene	10	9.89		ppb v/v		99	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10	10.7		ppb v/v		107	58 - 144
Toluene	10	9.64		ppb v/v		96	75 - 122
trans-1,3-Dichloropropene	10	9.98		ppb v/v		100	74 - 128
1,1,2-Trichloroethane	10	9.89		ppb v/v		99	75 - 126
Tetrachloroethene	10	8.65		ppb v/v		86	70 - 125
Methyl Butyl Ketone (2-Hexanone)	10	11.0		ppb v/v		110	57 - 143
Dibromochloromethane	10	9.39		ppb v/v		94	73 - 125
1,2-Dibromoethane	10	9.57		ppb v/v		96	78 - 122
Chlorobenzene	10	9.43		ppb v/v		94	76 - 119
Ethylbenzene	10	9.73		ppb v/v		97	74 - 122
m,p-Xylene	20	19.1		ppb v/v		96	76 - 121
o-Xylene	10	9.53		ppb v/v		95	73 - 123
Styrene	10	9.72		ppb v/v		97	74 - 125
Bromoform	10	9.05		ppb v/v		91	53 - 149
Cumene	10	9.65		ppb v/v		97	73 - 123
1,1,2,2-Tetrachloroethane	10	10.1		ppb v/v		101	74 - 126
n-Propylbenzene	10	10.1		ppb v/v		101	73 - 127
4-Ethyltoluene	10	9.92		ppb v/v		99	75 - 129
1,3,5-Trimethylbenzene	10	9.85		ppb v/v		99	72 - 126
2-Chlorotoluene	10	9.87		ppb v/v		99	74 - 126
tert-Butylbenzene	10	9.61		ppb v/v		96	71 - 125
1,2,4-Trimethylbenzene	10	9.90		ppb v/v		99	71 - 129
sec-Butylbenzene	10	9.96		ppb v/v		100	70 - 128
4-Isopropyltoluene	10	9.85		ppb v/v		98	68 - 130
1,3-Dichlorobenzene	10	9.52		ppb v/v		95	69 - 131
1,4-Dichlorobenzene	10	9.53		ppb v/v		95	67 - 132
Benzyl chloride	10	10.7		ppb v/v		107	60 - 136
n-Butylbenzene	10	10.2		ppb v/v		102	65 - 137
1,2-Dichlorobenzene	10	9.53		ppb v/v		95	68 - 129
1,2,4-Trichlorobenzene	10	8.88		ppb v/v		89	50 - 150
Hexachlorobutadiene	10	8.35		ppb v/v		84	58 - 130
Naphthalene	10	11.7		ppb v/v		117	50 - 150

Eurofins Burlington

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Air - GC/MS VOA

Analysis Batch: 206634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74410-1	GARAGE-EFF_071724	Total/NA	Air	TO-15	
200-74410-2	FACTORY-EFF1_071724	Total/NA	Air	TO-15	
200-74410-3	FACTORY-EFF2_071724	Total/NA	Air	TO-15	
MB 200-206634/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-206634/4	Lab Control Sample	Total/NA	Air	TO-15	
200-74410-3 DU	FACTORY-EFF2_071724	Total/NA	Air	TO-15	

Analysis Batch: 206684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
200-74410-3 - DL	FACTORY-EFF2_071724	Total/NA	Air	TO-15	
MB 200-206684/5	Method Blank	Total/NA	Air	TO-15	
LCS 200-206684/3	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Client Sample ID: GARAGE-EFF_071724

Lab Sample ID: 200-74410-1

Date Collected: 07/17/24 12:00

Matrix: Air

Date Received: 07/19/24 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	206634	K1P	EET BUR	07/22/24 12:55

Client Sample ID: FACTORY-EFF1_071724

Lab Sample ID: 200-74410-2

Date Collected: 07/17/24 15:15

Matrix: Air

Date Received: 07/19/24 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	206634	K1P	EET BUR	07/22/24 13:51

Client Sample ID: FACTORY-EFF2_071724

Lab Sample ID: 200-74410-3

Date Collected: 07/17/24 15:20

Matrix: Air

Date Received: 07/19/24 11:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15	DL	2	206684	K1P	EET BUR	07/23/24 21:01
Total/NA	Analysis	TO-15		1	206634	K1P	EET BUR	07/22/24 14:47

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Laboratory: Eurofins Burlington

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10391	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
TO-15		Air	4-Ethyltoluene
TO-15		Air	4-Isopropyltoluene
TO-15		Air	Chlorodifluoromethane
TO-15		Air	Methyl Butyl Ketone (2-Hexanone)
TO-15		Air	n-Butane
TO-15		Air	n-Butylbenzene
TO-15		Air	n-Propylbenzene
TO-15		Air	sec-Butylbenzene
TO-15		Air	tert-Butylbenzene
TO-15		Air	Tetrahydrofuran

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

- Protocol References:**
- EPA = US Environmental Protection Agency
- Laboratory References:**
- EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-74410-1	GARAGE-EFF_071724	Air	07/17/24 12:00	07/19/24 11:15	Air Canister (6-Liter) #2778
200-74410-2	FACTORY-EFF1_071724	Air	07/17/24 15:15	07/19/24 11:15	Air Canister (6-Liter) #4234
200-74410-3	FACTORY-EFF2_071724	Air	07/17/24 15:20	07/19/24 11:15	Air Canister (6-Liter) #3565

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- 12
- 13
- 14
- 15

ORIGIN ID AIVA (646) 630-1481
AJAY SINGH

4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 18JUL24
ACTWGT 10.00 LB
CAD 112977992/INET4535

BILL RECIPIENT

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403
REF

(802) 923-1026

PO. DEPT.



FRI - 19 JUL 10:30A

PRIORITY OVERNIGHT

DSR

05403

VT-US BTV

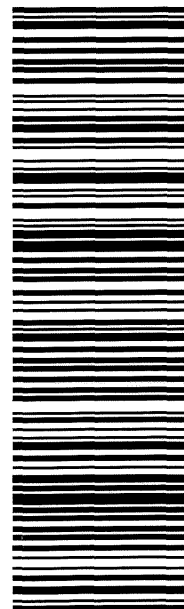
1 of 2

TRK# 7774 8467 2764

0201

MASTER

NX BTVA



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AJAY SINGH
4732 32ND PLACE
SUITE 1141
LONG ISLAND CITY, NY 11101
UNITED STATES US

SHIP DATE 18JUL24
ACTWGT- 20.00 LB
CAD 112977992/NET4535

TO **SAMPLING RECEIVING BVT**
TESTAMERICA
530 COMMUNITY DR STE 11

SOUTH BURLINGTON VT 05403

(802) 923-1026

REF

PO.

DEPT.



FRI - 19 JUL 10:30A

2 of 2

7774 8467 2775

MPS# 0263

Mstr# 7774 8467 2764

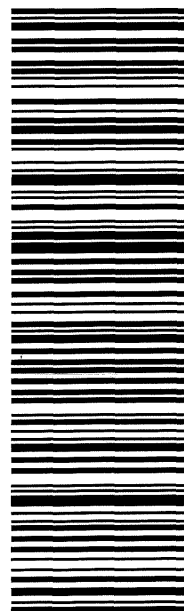
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0201

PRIORITY OVERTNIGHT

DSR

05403

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Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 200-74410-1

Login Number: 74410

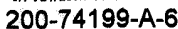
List Source: Eurofins Burlington

List Number: 1

Creator: Lavigne III, Scott N

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
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.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	N/A	Thermal preservation not required.
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.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Canister Cleaning & Pre-Shipment Leak Test



6660
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 7/4/2024 12:00 AM 200-1902892

Loc: 200
74199
#6 A
Air-Storage

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

Canister Cleaning & Pre-Shipment Leak Test

Batch Certification: The reading is taken on the "batch" canister and this value is used as the initial pressure for all canisters in the batch.

Difference = Final Pressure - Initial Pressure. Acceptance Criteria: (1) The difference must be less than or equal to + 0.25psi. (2) Pressure readings must be at least 24 hours apart.

If time frame was not met, the PM must authorize shipment of canister

PM Authorization

Date:

Clean Canister Certification Analysis & Authorization of Release to Inventory

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.

Dup Tees/Vac gauges (enter IDs if included):

Form ID: FAI023:12
Revision Date: 12/18/2018

TestAmerica Burlington

Loc: 200
74213
#7 A
Air-Storage



200-74213-A-7

8049

Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 7/5/2024 12:00 A

200-1903177

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74199-1
 SDG No.: _____
 Client Sample ID: 6660 Lab Sample ID: 200-74199-6
 Matrix: Air Lab File ID: 61068_006.D
 Analysis Method: TO-15 Date Collected: 07/04/2024 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 206063 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
115-07-1	Propylene	1.0	U	1.0	1.0
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.10
75-45-6	Freon 22	0.10	U	0.10	0.10
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.040
74-87-3	Chloromethane	0.10	U	0.10	0.10
106-97-8	n-Butane	0.10	U	0.10	0.10
75-01-4	Vinyl chloride	0.028	U	0.028	0.028
106-99-0	1,3-Butadiene	0.040	U	0.040	0.040
74-83-9	Bromomethane	0.040	U	0.040	0.040
75-00-3	Chloroethane	0.10	U	0.10	0.10
593-60-2	Bromoethene (Vinyl Bromide)	0.040	U	0.040	0.040
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.040
64-17-5	Ethanol	1.0	U	1.0	1.0
76-13-1	Freon TF	0.040	U	0.040	0.040
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.028
67-64-1	Acetone	1.0	U	1.0	1.0
67-63-0	Isopropyl alcohol	1.0	U	1.0	1.0
75-15-0	Carbon disulfide	0.10	U	0.10	0.10
107-05-1	3-Chloropropene	0.10	U	0.10	0.10
75-09-2	Methylene Chloride	0.10	U	0.10	0.10
75-65-0	tert-Butyl alcohol	1.0	U	1.0	1.0
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.040
156-60-5	trans-1,2-Dichloroethene	0.040	U	0.040	0.040
110-54-3	n-Hexane	0.10	U	0.10	0.10
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.040
108-05-4	Vinyl acetate	1.0	U	1.0	1.0
141-78-6	Ethyl acetate	1.0	U	1.0	1.0
78-93-3	Methyl Ethyl Ketone	0.10	U	0.10	0.10
156-59-2	cis-1,2-Dichloroethene	0.028	U	0.028	0.028
540-59-0	1,2-Dichloroethene, Total	0.080	U	0.080	0.080
67-66-3	Chloroform	0.040	U	0.040	0.040
109-99-9	Tetrahydrofuran	1.0	U	1.0	1.0
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.040
110-82-7	Cyclohexane	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74199-1
 SDG No.: _____
 Client Sample ID: 6660 Lab Sample ID: 200-74199-6
 Matrix: Air Lab File ID: 61068_006.D
 Analysis Method: TO-15 Date Collected: 07/04/2024 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 206063 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.040
71-43-2	Benzene	0.040	U	0.040	0.040
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.040
142-82-5	n-Heptane	0.040	U	0.040	0.040
79-01-6	Trichloroethene	0.028	U	0.028	0.028
80-62-6	Methyl methacrylate	0.10	U	0.10	0.10
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.040
123-91-1	1,4-Dioxane	1.0	U	1.0	1.0
75-27-4	Bromodichloromethane	0.040	U	0.040	0.040
10061-01-5	cis-1,3-Dichloropropene	0.040	U	0.040	0.040
108-10-1	methyl isobutyl ketone	0.10	U	0.10	0.10
108-88-3	Toluene	0.040	U	0.040	0.040
10061-02-6	trans-1,3-Dichloropropene	0.040	U	0.040	0.040
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.040
127-18-4	Tetrachloroethene	0.040	U	0.040	0.040
591-78-6	Methyl Butyl Ketone (2-Hexanone)	0.10	U	0.10	0.10
124-48-1	Dibromochloromethane	0.040	U	0.040	0.040
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.040
108-90-7	Chlorobenzene	0.040	U	0.040	0.040
100-41-4	Ethylbenzene	0.040	U	0.040	0.040
179601-23-1	m,p-Xylene	0.10	U	0.10	0.10
95-47-6	Xylene, o-	0.040	U	0.040	0.040
1330-20-7	Xylene (total)	0.14	U	0.14	0.14
100-42-5	Styrene	0.040	U	0.040	0.040
75-25-2	Bromoform	0.040	U	0.040	0.040
98-82-8	Cumene	0.040	U	0.040	0.040
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.040
103-65-1	n-Propylbenzene	0.040	U	0.040	0.040
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.040
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.040
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.040
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.040
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74199-1
 SDG No.: _____
 Client Sample ID: 6660 Lab Sample ID: 200-74199-6
 Matrix: Air Lab File ID: 61068_006.D
 Analysis Method: TO-15 Date Collected: 07/04/2024 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 11:01
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 206063 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	RL
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.040
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.040
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.040
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.040
100-44-7	Benzyl chloride	0.040	U	0.040	0.040
104-51-8	n-Butylbenzene	0.040	U	0.040	0.040
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.040
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.10
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.040
91-20-3	Naphthalene	0.10	U	0.10	0.10

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\61068_006.D
 Lims ID: 200-74199-A-6
 Client ID: 6660
 Sample Type: Client
 Inject. Date: 08-Jul-2024 11:01:40 ALS Bottle#: 0 Worklist Smp#: 6
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0061068-006
 Misc. Info.: 74199-6
 Operator ID: wrd Instrument ID: CHAN.i
 Method: \\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\TO15_TO3_Master_Method_AN.m
 Limit Group: AI_TO15_ICAL
 Last Update: 09-Jul-2024 13:01:32 Calib Date: 13-Jun-2024 04:37:07
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHAN.i\20240612-60747.b\60747_017.D
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1677

First Level Reviewer: F7XK

Date:

09-Jul-2024 13:01:32

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.380				ND	7
2 Dichlorodifluoromethane	85		4.476				ND	
3 Chlorodifluoromethane	51		4.524				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.845				ND	
5 Chloromethane	50		4.963				ND	7
6 Vinyl chloride	62		5.262				ND	
7 Butane	43		5.262				ND	7
8 Butadiene	54		5.375				ND	
9 Bromomethane	94		6.107				ND	
10 Chloroethane	64		6.380				ND	
13 Vinyl bromide	106		6.803				ND	
14 Trichlorofluoromethane	101		6.963				ND	
16 Ethanol	45		7.381				ND	
20 1,1-Dichloroethene	96		8.023				ND	MU
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.060				ND	
22 Acetone	43		8.114				ND	7
23 Isopropyl alcohol	45		8.413				ND	7
24 Carbon disulfide	76	8.435	8.435	0.006	92	941	0.009899	7M
26 3-Chloro-1-propene	41		8.718				ND	7
27 Methylene Chloride	49	8.954	8.954	0.006	20	829	0.0209	7M
28 2-Methyl-2-propanol	59		9.173				ND	
30 trans-1,2-Dichloroethene	61		9.446				ND	
31 Methyl tert-butyl ether	73		9.456				ND	
32 Hexane	57		9.959				ND	
S 35 1,2-Dichloroethene, Total	61		10.200				ND	7
33 1,1-Dichloroethane	63		10.216				ND	
34 Vinyl acetate	43		10.227				ND	
36 2-Butanone (MEK)	72		11.190				ND	
37 cis-1,2-Dichloroethene	96		11.217				ND	7
38 Ethyl acetate	88		11.270				ND	
* 39 Chlorobromomethane	128	11.623	11.623	0.000	97	155322	10.0	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
40 Tetrahydrofuran	42		11.666				ND	
41 Chloroform	83		11.800				ND	
42 1,1,1-Trichloroethane	97		12.110				ND	
43 Cyclohexane	84		12.244				ND	
44 Carbon tetrachloride	117		12.388				ND	
45 Benzene	78		12.731				ND	7
46 1,2-Dichloroethane	62		12.805				ND	
47 Isooctane	57		12.950				ND	
48 n-Heptane	43		13.255				ND	7
* 49 1,4-Difluorobenzene	114	13.464	13.463	0.001	97	790571	10.0	
51 Trichloroethene	95		13.897				ND	
53 1,2-Dichloropropane	63		14.351				ND	
54 Methyl methacrylate	69		14.442				ND	
55 1,4-Dioxane	88		14.491				ND	
57 Dibromomethane	174		14.512				ND	7
58 Dichlorobromomethane	83		14.822				ND	
59 cis-1,3-Dichloropropene	75		15.619				ND	
61 4-Methyl-2-pentanone (MIBK)	43		15.882				ND	
62 Toluene	92		16.261				ND	
66 trans-1,3-Dichloropropene	75		16.673				ND	
67 1,1,2-Trichloroethane	83		17.048				ND	
68 Tetrachloroethene	166		17.251				ND	
69 2-Hexanone	43		17.454				ND	
70 Chlorodibromomethane	129		17.786				ND	
71 Ethylene Dibromide	107		18.027				ND	
* 73 Chlorobenzene-d5	117	18.936	18.936	0.000	92	711029	10.0	
74 Chlorobenzene	112		18.995				ND	
75 Ethylbenzene	91		19.188				ND	7
76 m-Xylene & p-Xylene	106		19.450				ND	
S 80 Xylenes, Total	106		20.100				ND	7
78 o-Xylene	106		20.215				ND	
79 Styrene	104		20.252				ND	
81 Bromoform	173		20.589				ND	
82 Isopropylbenzene	105		20.900				ND	
83 1,1,2,2-Tetrachloroethane	83		21.408				ND	7
85 N-Propylbenzene	91		21.600				ND	
86 2-Chlorotoluene	91		21.750				ND	
87 4-Ethyltoluene	105		21.798				ND	7
88 1,3,5-Trimethylbenzene	105		21.889				ND	7
91 tert-Butylbenzene	119		22.365				ND	7
92 1,2,4-Trimethylbenzene	105		22.451				ND	7
93 sec-Butylbenzene	105		22.686				ND	7
94 1,3-Dichlorobenzene	146		22.863				ND	7
95 4-Isopropyltoluene	119		22.900				ND	7
96 1,4-Dichlorobenzene	146		22.997				ND	7
97 Benzyl chloride	91		23.147				ND	7
98 n-Butylbenzene	91		23.457				ND	7
99 1,2-Dichlorobenzene	146		23.494				ND	7
102 1,2,4-Trichlorobenzene	180		25.955				ND	7
103 Hexachlorobutadiene	225		26.201				ND	
104 Naphthalene	128		26.437				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

ATTO15CISs_00012

Amount Added: 20.00

Units: mL

Run Reagent

1

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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\61068_006.D

Injection Date: 08-Jul-2024 11:01:40

Instrument ID: CHAN.i

Operator ID: wrd

Lims ID: 200-74199-A-6

Lab Sample ID: 200-74199-6

Worklist Smp#: 6

Client ID: 6660

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

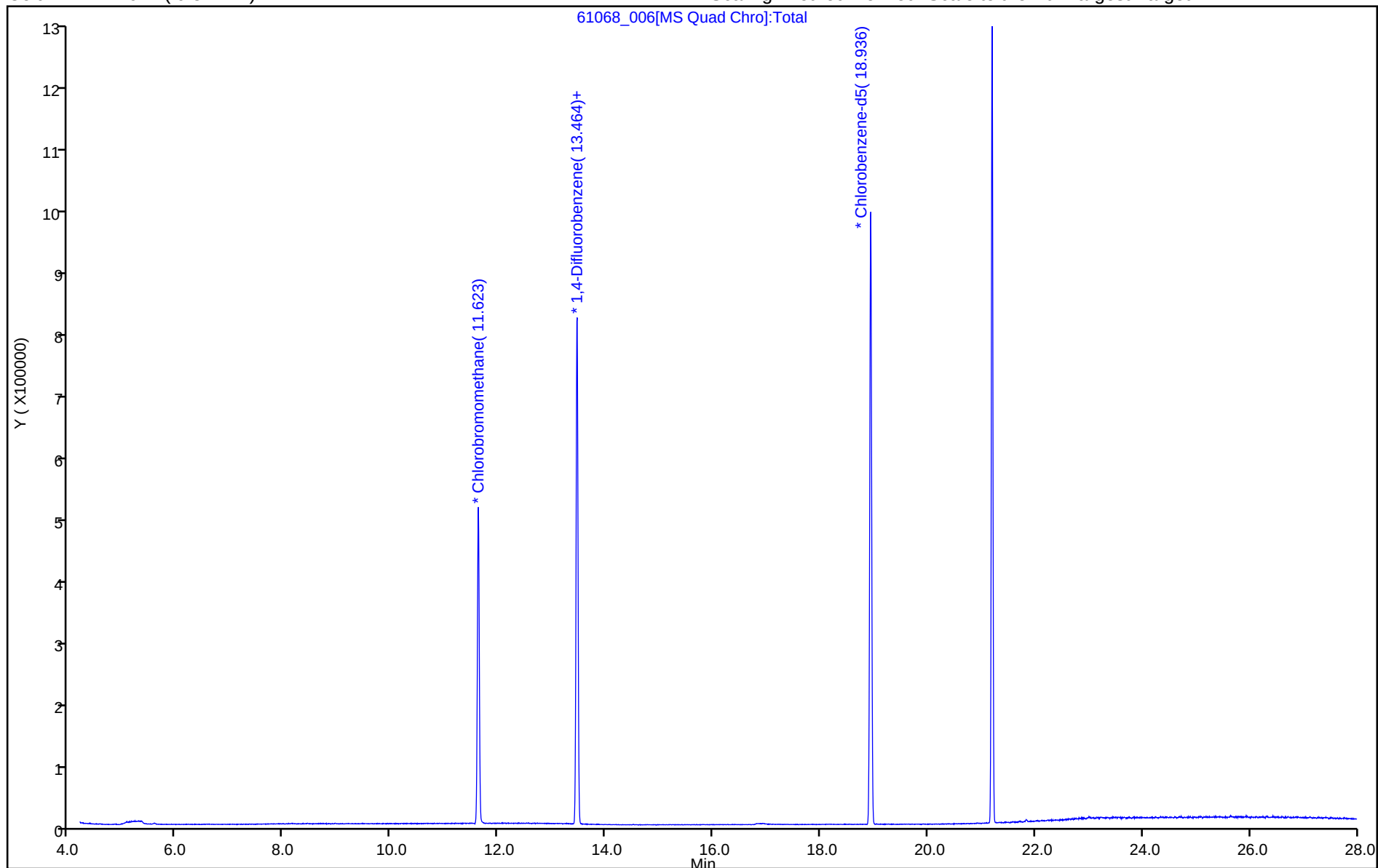
ALS Bottle#: 0

Method: TO15_TO3_Master_Method_AN

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

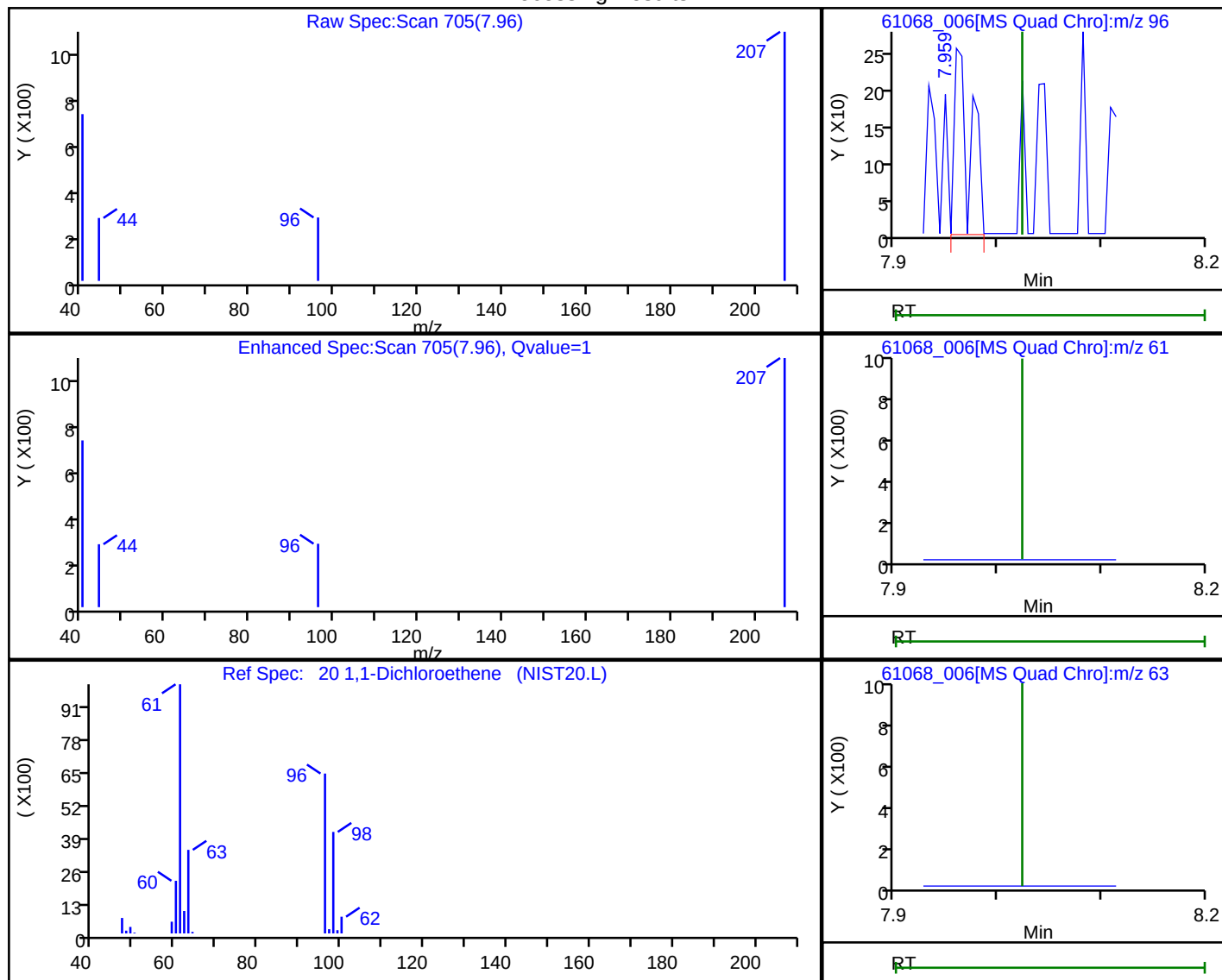


Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\61068_006.D
Injection Date: 08-Jul-2024 11:01:40 Instrument ID: CHAN.i
Lims ID: 200-74199-A-6 Lab Sample ID: 200-74199-6
Client ID: 6660
Operator ID: wrd ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 200.000 mL Dil. Factor: 0.2000
Method: TO15_TO3_Master_Method_AN Limit Group: AI_TO15_ICAL
Column: RTX-624 (0.32 mm) Detector: MS SCAN

20 1,1-Dichloroethene, CAS: 75-35-4

Processing Results



RT	Mass	Response	Amount
7.96	96.00	276	0.008442
8.02	61.00	0	
8.02	63.00	0	

Reviewer: F7XK, 09-Jul-2024 12:59:19 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

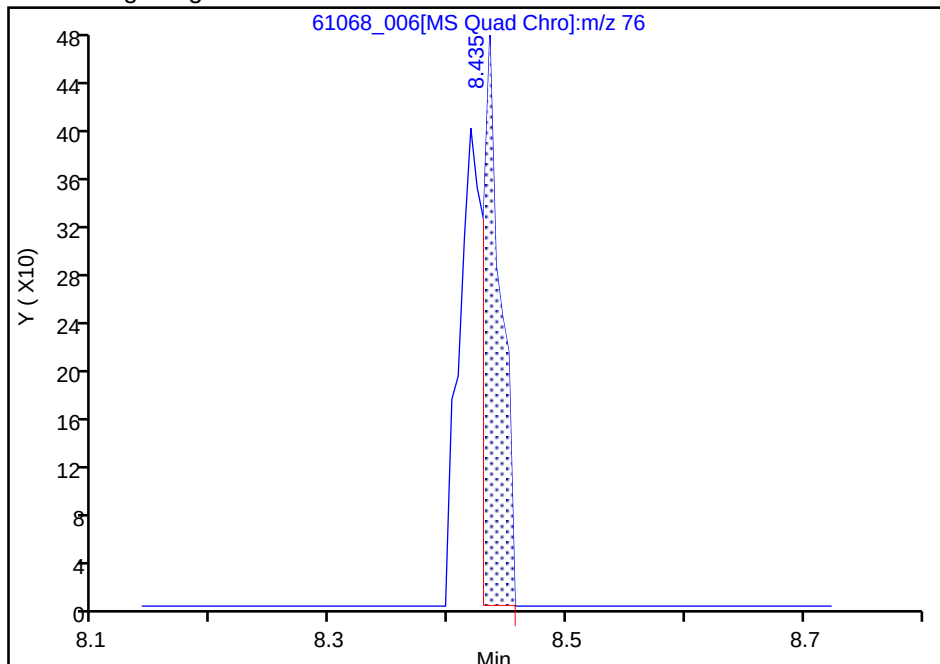
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\61068_006.D				
Injection Date:	08-Jul-2024 11:01:40	Instrument ID:	CHAN.i		
Lims ID:	200-74199-A-6	Lab Sample ID:	200-74199-6		
Client ID:	6660				
Operator ID:	wrd	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	200.000 mL	Dil. Factor:	0.2000		
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL		
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN		

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

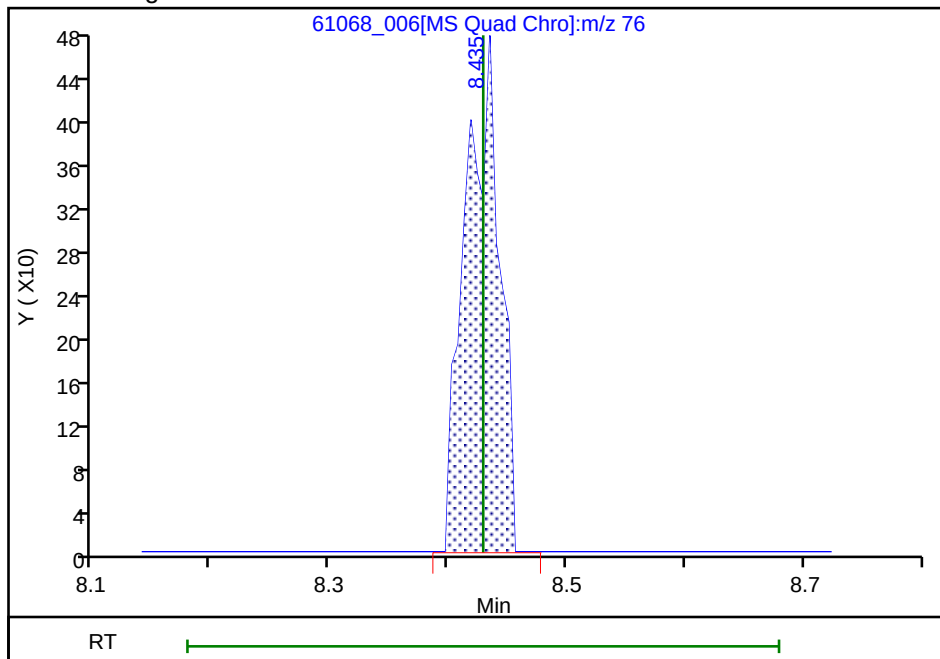
RT: 8.43
Area: 489
Amount: 0.005144
Amount Units: ppb v/v

Processing Integration Results



RT: 8.43
Area: 941
Amount: 0.009899
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 09-Jul-2024 12:59:39 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

Eurofins Burlington

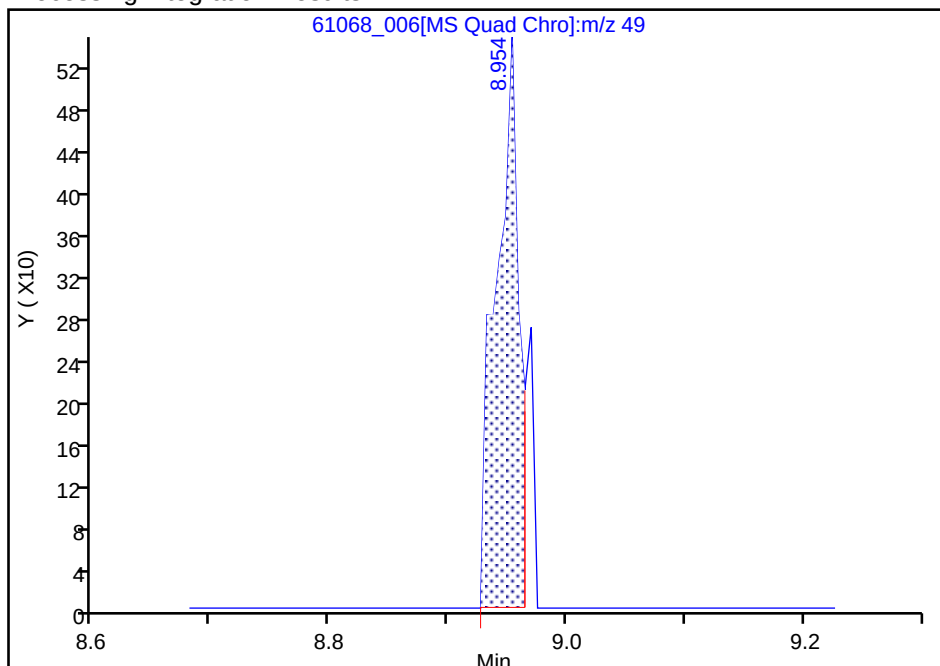
Data File:	\\chromfs\Burlington\ChromData\CHAN.i\20240708-61068.b\61068_006.D		
Injection Date:	08-Jul-2024 11:01:40	Instrument ID:	CHAN.i
Lims ID:	200-74199-A-6	Lab Sample ID:	200-74199-6
Client ID:	6660		
Operator ID:	wrd	ALS Bottle#:	0
Purge Vol:	200.000 mL	Dil. Factor:	0.2000
Method:	TO15_TO3_Master_Method_AN	Limit Group:	AI_TO15_ICAL
Column:	RTX-624 (0.32 mm)	Detector:	MS SCAN
		Worklist Smp#:	6

27 Methylene Chloride, CAS: 75-09-2

Signal: 1

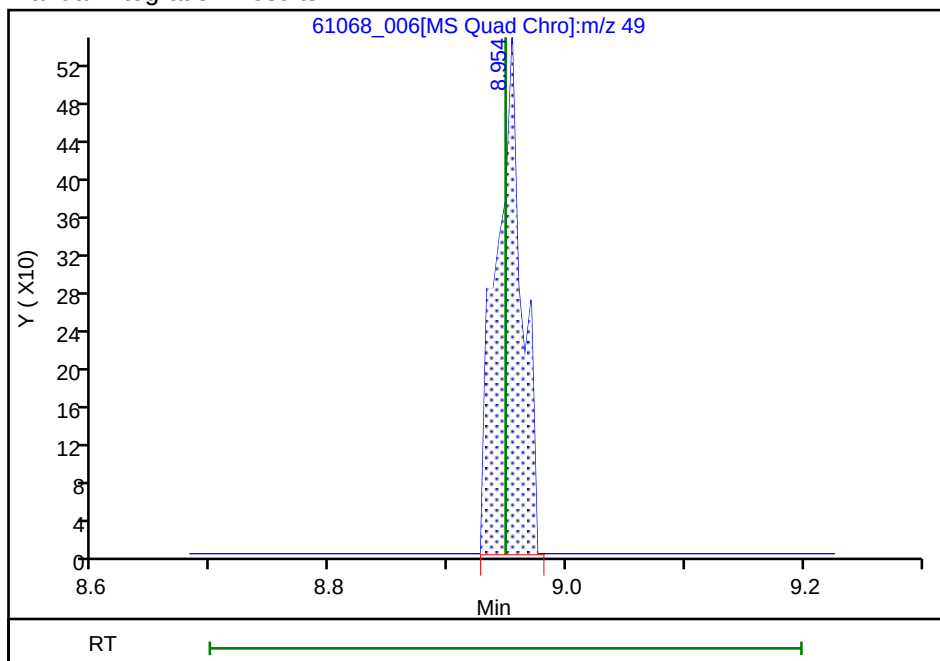
RT: 8.95
Area: 743
Amount: 0.018734
Amount Units: ppb v/v

Processing Integration Results



RT: 8.95
Area: 829
Amount: 0.020903
Amount Units: ppb v/v

Manual Integration Results



Reviewer: F7XK, 09-Jul-2024 13:00:05 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Assign Peak

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74213-1
 SDG No.: _____
 Client Sample ID: 5049 Lab Sample ID: 200-74213-7
 Matrix: Air Lab File ID: 61069-07.d
 Analysis Method: TO-15 Date Collected: 07/05/2024 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 12:53
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 206064 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.014
100-42-5	Styrene	0.040	U	0.040	0.012
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.0090
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.011
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.018
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0084
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0078
107-05-1	Allyl chloride	0.10	U	0.10	0.024
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.019
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.026
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.0094
108-88-3	Toluene	0.040	U	0.040	0.012
108-90-7	Chlorobenzene	0.040	U	0.040	0.0088
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.26
110-54-3	Hexane	0.10	U	0.10	0.022
110-82-7	Cyclohexane	0.040	U	0.040	0.012
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.066
123-91-1	1,4-Dioxane	0.040	U	0.040	0.016
124-48-1	Dibromochloromethane	0.040	U	0.040	0.013
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0042
142-82-5	n-Heptane	0.040	U	0.040	0.011
156-59-2	1,2-Dichloroethene, cis-	0.028	U	0.028	0.0042
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0046
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.0072
179601-23-1	m,p-Xylene	0.10	U	0.10	0.019
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.0076
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.015
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.0044
593-60-2	Vinyl bromide	0.040	U	0.040	0.010
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.0098
64-17-5	Ethanol	1.0	U	1.0	0.52
67-63-0	Isopropanol	1.0	U	1.0	0.32
67-64-1	Acetone	1.0	U	1.0	0.32
67-66-3	Chloroform	0.040	U	0.040	0.0082

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74213-1
SDG No.: _____
Client Sample ID: 5049 Lab Sample ID: 200-74213-7
Matrix: Air Lab File ID: 61069-07.d
Analysis Method: TO-15 Date Collected: 07/05/2024 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 12:53
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 206064 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-43-2	Benzene	0.040	U	0.040	0.0088
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.0088
74-83-9	Bromomethane	0.040	U	0.040	0.014
74-87-3	Chloromethane	0.10	U	0.10	0.030
75-00-3	Chloroethane	0.10	U	0.10	0.036
75-01-4	Vinyl chloride	0.028	U	0.028	0.0042
75-09-2	Methylene Chloride	0.10	U	0.10	0.036
75-15-0	Carbon disulfide	0.10	U	0.10	0.026
75-25-2	Bromoform	0.040	U	0.040	0.024
75-27-4	Bromodichloromethane	0.040	U	0.040	0.010
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0050
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.0052
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.24
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.010
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.022
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.0096
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.019
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.098
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.015
79-01-6	Trichloroethene	0.028	U	0.028	0.0050
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.0086
80-62-6	Methyl methacrylate	0.10	U	0.10	0.028
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.022
91-20-3	Naphthalene	0.10	U	0.10	0.060
95-47-6	Xylene, o-	0.040	U	0.040	0.013
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.0092
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.030
115-07-1	Propene	1.0	U	1.0	0.24
75-45-6	Chlorodifluoromethane	0.10	U	0.10	0.024
106-97-8	Butane	0.10	U	0.10	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-74213-1
SDG No.: _____
Client Sample ID: 5049 Lab Sample ID: 200-74213-7
Matrix: Air Lab File ID: 61069-07.d
Analysis Method: TO-15 Date Collected: 07/05/2024 00:00
Sample wt/vol: 1000 (mL) Date Analyzed: 07/08/2024 12:53
Soil Aliquot Vol: _____ Dilution Factor: 0.2
Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____ Level: (low/med) Low
Analysis Batch No.: 206064 Units: ppb v/v

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-05-4	Vinyl acetate	1.0	U	1.0	0.24
141-78-6	Ethyl acetate	1.0	U	1.0	0.32
98-82-8	Isopropylbenzene	0.040	U	0.040	0.0082
103-65-1	N-Propylbenzene	0.040	U	0.040	0.0094
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.0094
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.0090
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.012
100-44-7	Benzyl chloride	0.040	U	0.040	0.018
104-51-8	n-Butylbenzene	0.040	U	0.040	0.022

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20240708-61069.b\61069-07.d
 Lims ID: 200-74213-A-7
 Client ID: 5049
 Sample Type: Client
 Inject. Date: 08-Jul-2024 12:53:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0061069-007
 Misc. Info.: 74213-7
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20240708-61069.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 09-Jul-2024 13:14:39 Calib Date: 19-Apr-2024 03:38:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20240418-59993.b\59993-14.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1664

First Level Reviewer: YWL8

Date:

09-Jul-2024 13:15:24

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.115				ND	
2 Dichlorodifluoromethane	85		4.200				ND	
3 Chlorodifluoromethane	51		4.243				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.543				ND	
5 Chloromethane	50		4.660				ND	
6 Vinyl chloride	62		4.965				ND	
7 Butane	43		4.965				ND	
8 Butadiene	54		5.078				ND	
9 Bromomethane	94		5.827				ND	
10 Chloroethane	64		6.121				ND	
13 Vinyl bromide	106		6.586				ND	
14 Trichlorofluoromethane	101		6.774				ND	
16 Ethanol	45		7.196				ND	
20 1,1-Dichloroethene	96		8.004				ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		8.052				ND	
22 Acetone	43		8.090				ND	
23 Isopropyl alcohol	45		8.448				ND	
24 Carbon disulfide	76	8.496	8.491	0.005	97	1460	0.0401	
26 3-Chloro-1-propene	41		8.833				ND	
27 Methylene Chloride	49		9.106				ND	7
28 2-Methyl-2-propanol	59		9.368				ND	
30 trans-1,2-Dichloroethene	61		9.711				ND	
31 Methyl tert-butyl ether	73		9.727				ND	
32 Hexane	57		10.315				ND	
33 1,1-Dichloroethane	63		10.609				ND	
34 Vinyl acetate	43		10.615				ND	
36 2-Butanone (MEK)	72		11.711				ND	
37 cis-1,2-Dichloroethene	96		11.743				ND	
38 Ethyl acetate	88		11.808				ND	
* 39 Chlorobromomethane	128	12.204	12.203	0.001	94	89159	10.0	
40 Tetrahydrofuran	42		12.268				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
41 Chloroform	83		12.396				ND	
42 1,1,1-Trichloroethane	97		12.744				ND	
43 Cyclohexane	84		12.904				ND	
44 Carbon tetrachloride	117		13.054				ND	
45 Benzene	78		13.423				ND	
46 1,2-Dichloroethane	62		13.498				ND	
47 Isooctane	57		13.659				ND	
48 n-Heptane	43		13.985				ND	
* 49 1,4-Difluorobenzene	114	14.210	14.210	0.000	95	463915	10.0	
51 Trichloroethene	95		14.675				ND	
53 1,2-Dichloropropane	63		15.157				ND	
54 Methyl methacrylate	69		15.231				ND	
55 1,4-Dioxane	88		15.301				ND	
58 Dichlorobromomethane	83		15.643				ND	
59 cis-1,3-Dichloropropene	75		16.483				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.745				ND	
62 Toluene	92		17.157				ND	
66 trans-1,3-Dichloropropene	75		17.564				ND	
67 1,1,2-Trichloroethane	83		17.960				ND	
68 Tetrachloroethene	166		18.190				ND	
69 2-Hexanone	43		18.372				ND	
70 Chlorodibromomethane	129		18.730				ND	
71 Ethylene Dibromide	107		18.992				ND	
* 73 Chlorobenzene-d5	117	19.918	19.918	0.000	87	325339	10.0	
74 Chlorobenzene	112		19.977				ND	
75 Ethylbenzene	91		20.158				ND	7
76 m-Xylene & p-Xylene	106		20.415				ND	
78 o-Xylene	106		21.121				ND	
79 Styrene	104		21.148				ND	
81 Bromoform	173		21.475				ND	
82 Isopropylbenzene	105		21.737				ND	
83 1,1,2,2-Tetrachloroethane	83		22.197				ND	
85 N-Propylbenzene	91		22.395				ND	
86 2-Chlorotoluene	91		22.544				ND	
87 4-Ethyltoluene	105		22.577				ND	
88 1,3,5-Trimethylbenzene	105		22.662				ND	
91 tert-Butylbenzene	119		23.122				ND	
92 1,2,4-Trimethylbenzene	105		23.202				ND	
93 sec-Butylbenzene	105		23.443				ND	
94 1,3-Dichlorobenzene	146		23.636				ND	7
95 4-Isopropyltoluene	119		23.657				ND	
96 1,4-Dichlorobenzene	146		23.780				ND	7
97 Benzyl chloride	91		23.930				ND	
98 n-Butylbenzene	91		24.256				ND	
99 1,2-Dichlorobenzene	146		24.315				ND	7
102 1,2,4-Trichlorobenzene	180		27.038				ND	
103 Hexachlorobutadiene	225		27.306				ND	
104 Naphthalene	128		27.589				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20240708-61069.b\61069-07.d

Injection Date: 08-Jul-2024 12:53:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-74213-A-7

Lab Sample ID: 200-74213-7

Worklist Smp#: 7

Client ID: 5049

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

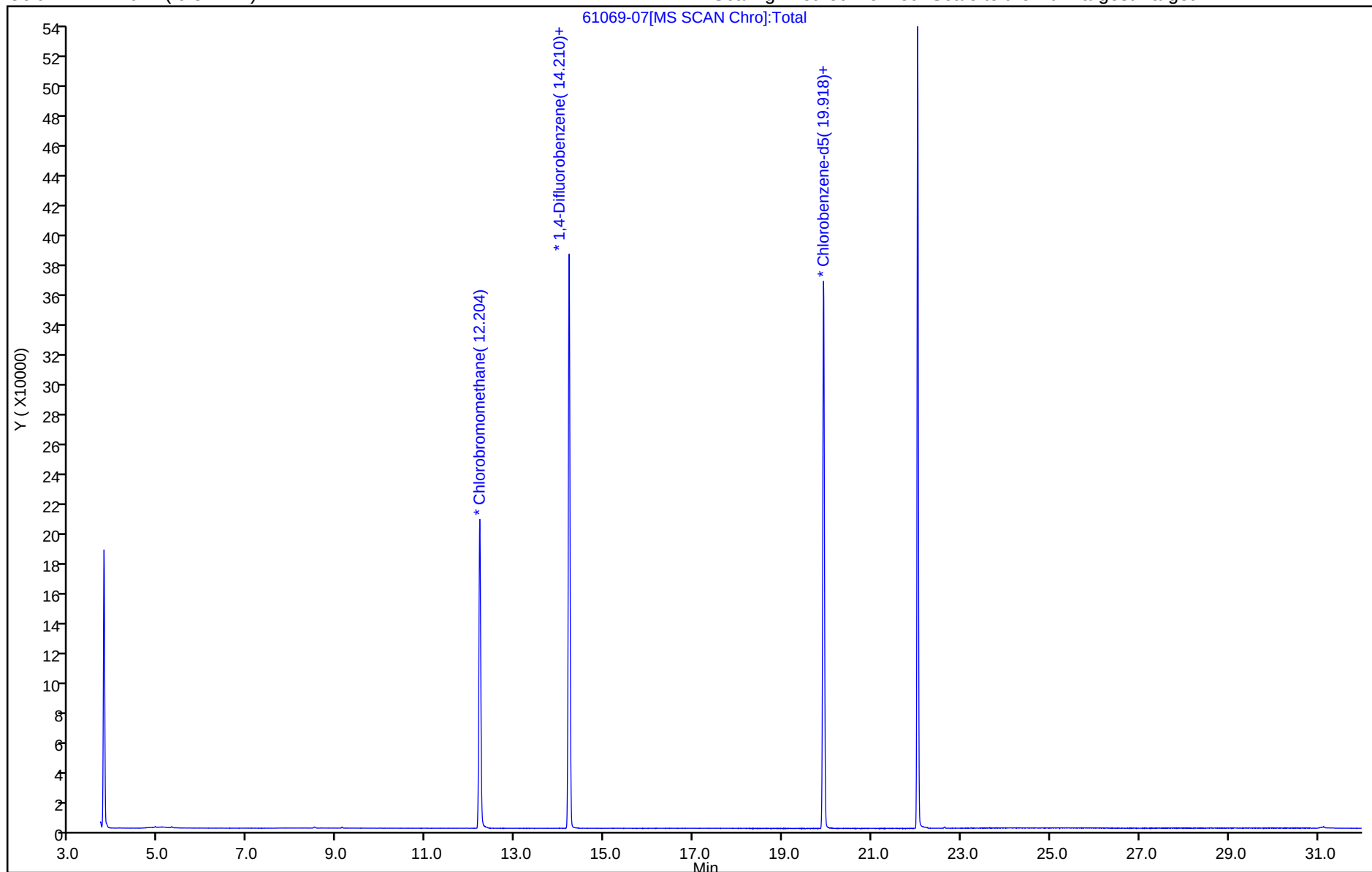
ALS Bottle#: 6

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



ANALYTICAL REPORT

PREPARED FOR

Attn: Rachel Fenwick
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 7/25/2024 7:38:24 AM

JOB DESCRIPTION

Watchcase – Sag Harbor

JOB NUMBER

460-307808-1

Eurofins Edison

Job Notes

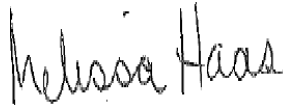
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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization



Authorized for release by
Melissa Haas, Senior Project Manager
Melissa.Haas@et.eurofinsus.com
(203)308-0880

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7/25/2024 7:38:24 AM

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Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Roux Environmental Eng & Geology DPC
Project: Watchcase – Sag Harbor

Job ID: 460-307808-1

Job ID: 460-307808-1

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Job Narrative 460-307808-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/17/2024 8:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

Method 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Samples MW-11N_071724 (460-307808-1), MW-11N_071724 (460-307808-1MS), MW-11N_071724 (460-307808-1MSD), MW-2_071724 (460-307808-2), DUP_071724 (460-307808-3), WCF-1D_071724 (460-307808-4), WCF-3S_071724 (460-307808-5) and WCF-3D_071724 (460-307808-6) were analyzed for Per- and Polyfluoroalkyl Substances by LC/MS/MS. The samples were prepared and analyzed on 7/22/2024.

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Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-11N_071724

Lab Sample ID: 460-307808-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	5.54	J	5.74	1.53	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	17.3		2.87	0.72	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	12.0		1.44	0.36	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	6.31		1.44	0.36	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	20.3		1.44	0.36	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	4.68		1.44	0.36	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	2.05		1.44	0.36	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	1.09	J	1.44	0.36	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	10.5		1.44	0.36	ng/L	1		1633	Total/NA

Client Sample ID: MW-2_071724

Lab Sample ID: 460-307808-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	9.69		5.83	1.55	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	40.0		2.92	0.73	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	36.6		1.46	0.36	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	12.1		1.46	0.36	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	22.3		1.46	0.36	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	7.91		1.46	0.36	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	5.06		1.46	0.36	ng/L	1		1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	2.32		1.46	0.36	ng/L	1		1633	Total/NA
Perfluorododecanoic acid (PFDoA)	1.30	J	1.46	0.36	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.58		1.46	0.36	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.48	J	1.46	0.38	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.29		1.46	0.36	ng/L	1		1633	Total/NA

Client Sample ID: DUP_071724

Lab Sample ID: 460-307808-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	9.77		6.04	1.61	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	40.7		3.02	0.75	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	36.0		1.51	0.38	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	12.3		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	21.6		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	7.62		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	5.17		1.51	0.38	ng/L	1		1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.89		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorododecanoic acid (PFDoA)	1.20	J	1.51	0.38	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.40		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.44	J	1.51	0.39	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	2.50		1.51	0.38	ng/L	1		1633	Total/NA

Client Sample ID: WCF-1D_071724

Lab Sample ID: 460-307808-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	8.42		6.05	1.61	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	21.2		3.02	0.76	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	24.9		1.51	0.38	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	10.5		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	19.8		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	5.18		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	5.98		1.51	0.38	ng/L	1		1633	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-1D_071724 (Continued)

Lab Sample ID: 460-307808-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluoroundecanoic acid (PFUnA)	5.79		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorododecanoic acid (PFDoA)	0.53	J	1.51	0.38	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	2.67		1.51	0.38	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	0.91	J	1.51	0.39	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	8.46		1.51	0.38	ng/L	1		1633	Total/NA

Client Sample ID: WCF-3S_071724

Lab Sample ID: 460-307808-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	10.0		6.16	1.64	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	16.1		3.08	0.77	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	32.1		1.54	0.38	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	9.85		1.54	0.38	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	33.8		1.54	0.38	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	3.71		1.54	0.38	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	13.8		1.54	0.38	ng/L	1		1633	Total/NA
Perfluoropentanesulfonic acid (PFPeS)	1.20	J	1.54	0.38	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	7.03		1.54	0.40	ng/L	1		1633	Total/NA
Perfluoroheptanesulfonic acid (PFHpS)	0.50	J	1.54	0.38	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	26.9		1.54	0.38	ng/L	1		1633	Total/NA

Client Sample ID: WCF-3D_071724

Lab Sample ID: 460-307808-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Perfluorobutanoic acid (PFBA)	11.3		5.97	1.59	ng/L	1		1633	Total/NA
Perfluoropentanoic acid (PFPeA)	31.6		2.99	0.75	ng/L	1		1633	Total/NA
Perfluorohexanoic acid (PFHxA)	35.4		1.49	0.37	ng/L	1		1633	Total/NA
Perfluoroheptanoic acid (PFHpA)	16.4		1.49	0.37	ng/L	1		1633	Total/NA
Perfluorooctanoic acid (PFOA)	28.7		1.49	0.37	ng/L	1		1633	Total/NA
Perfluorononanoic acid (PFNA)	8.00		1.49	0.37	ng/L	1		1633	Total/NA
Perfluorodecanoic acid (PFDA)	9.31		1.49	0.37	ng/L	1		1633	Total/NA
Perfluoroundecanoic acid (PFUnA)	1.64		1.49	0.37	ng/L	1		1633	Total/NA
Perfluorododecanoic acid (PFDoA)	1.37	J	1.49	0.37	ng/L	1		1633	Total/NA
Perfluorobutanesulfonic acid (PFBS)	4.12		1.49	0.37	ng/L	1		1633	Total/NA
Perfluorohexanesulfonic acid (PFHxS)	2.60		1.49	0.39	ng/L	1		1633	Total/NA
Perfluorooctanesulfonic acid (PFOS)	7.97		1.49	0.37	ng/L	1		1633	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-11N_071724

Lab Sample ID: 460-307808-1

Date Collected: 07/17/24 11:20

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	5.54	J	5.74	1.53	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoropentanoic acid (PFPeA)	17.3		2.87	0.72	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorohexanoic acid (PFHxA)	12.0		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoroheptanoic acid (PFHpA)	6.31		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorooctanoic acid (PFOA)	20.3		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorononanoic acid (PFNA)	4.68		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorodecanoic acid (PFDA)	2.05		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoroundecanoic acid (PFUnA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorododecanoic acid (PFDoA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorotridecanoic acid (PFTrDA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorotetradecanoic acid (PFTeDA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorobutanesulfonic acid (PFBS)	1.09	J	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoropentanesulfonic acid (PFPeS)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorohexanesulfonic acid (PFHxS)	1.44	U	1.44	0.37	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoroheptanesulfonic acid (PFHpS)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorooctanesulfonic acid (PFOS)	10.5		1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorononanesulfonic acid (PFNS)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorododecanesulfonic acid (PFDoS)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorooctanesulfonamide (PFOSA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.44	U	1.44	0.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.44	U	1.44	0.37	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	14.4	U	14.4	3.59	ng/L		07/22/24 08:49	07/22/24 16:52	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	14.4	U	14.4	3.59	ng/L		07/22/24 08:49	07/22/24 16:52	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.87	U	2.87	0.72	ng/L		07/22/24 08:49	07/22/24 16:52	1
Nonfluoro-3,6-dioxahexanoic acid (NFDHA)	2.87	U	2.87	0.88	ng/L		07/22/24 08:49	07/22/24 16:52	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	5.74	U	5.74	1.44	ng/L		07/22/24 08:49	07/22/24 16:52	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-11N_071724

Lab Sample ID: 460-307808-1

Date Collected: 07/17/24 11:20

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.87	U	2.87	0.72	ng/L		07/22/24 08:49	07/22/24 16:52	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.18	U	7.18	1.79	ng/L		07/22/24 08:49	07/22/24 16:52	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	35.9	U	35.9	8.97	ng/L		07/22/24 08:49	07/22/24 16:52	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	35.9	U	35.9	10.7	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluorodecanesulfonic acid (PFDS)	1.44	U	1.44	0.36	ng/L		07/22/24 08:49	07/22/24 16:52	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.87	U	2.87	0.72	ng/L		07/22/24 08:49	07/22/24 16:52	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	104		10 - 130	07/22/24 08:49	07/22/24 16:52	1
13C5 PFPeA	90.4		35 - 150	07/22/24 08:49	07/22/24 16:52	1
13C5 PFHxA	92.8		55 - 150	07/22/24 08:49	07/22/24 16:52	1
13C4 PFHpA	92.0		55 - 150	07/22/24 08:49	07/22/24 16:52	1
13C8 PFOA	92.2		60 - 140	07/22/24 08:49	07/22/24 16:52	1
13C9 PFNA	84.9		55 - 140	07/22/24 08:49	07/22/24 16:52	1
13C6 PFDA	101		50 - 140	07/22/24 08:49	07/22/24 16:52	1
13C7 PFUnA	87.7		30 - 140	07/22/24 08:49	07/22/24 16:52	1
13C2 PFTeDA	67.8		10 - 130	07/22/24 08:49	07/22/24 16:52	1
13C3 PFBS	85.6		55 - 150	07/22/24 08:49	07/22/24 16:52	1
13C3 PFHxS	91.5		55 - 150	07/22/24 08:49	07/22/24 16:52	1
13C8 PFOS	88.4		45 - 140	07/22/24 08:49	07/22/24 16:52	1
13C8 FOSA	86.4		30 - 130	07/22/24 08:49	07/22/24 16:52	1
d3-NMeFOSAA	75.9		45 - 200	07/22/24 08:49	07/22/24 16:52	1
d5-NEtFOSAA	123		10 - 200	07/22/24 08:49	07/22/24 16:52	1
M2-4:2 FTS	84.2		60 - 200	07/22/24 08:49	07/22/24 16:52	1
M2-6:2 FTS	90.4		60 - 200	07/22/24 08:49	07/22/24 16:52	1
M2-8:2 FTS	84.5		50 - 200	07/22/24 08:49	07/22/24 16:52	1
13C3 HFPO-DA	90.2		25 - 160	07/22/24 08:49	07/22/24 16:52	1
d7-N-MeFOSE-M	82.5		10 - 150	07/22/24 08:49	07/22/24 16:52	1
d9-N-EtFOSE-M	71.1		10 - 150	07/22/24 08:49	07/22/24 16:52	1
d5-NEtPFOSA	63.5		10 - 130	07/22/24 08:49	07/22/24 16:52	1
d3-NMePFOSA	68.3		15 - 130	07/22/24 08:49	07/22/24 16:52	1
13C2-PFDoDA	74.7		10 - 150	07/22/24 08:49	07/22/24 16:52	1

Client Sample ID: MW-2_071724

Lab Sample ID: 460-307808-2

Date Collected: 07/17/24 12:15

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	9.69		5.83	1.55	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoropentanoic acid (PFPeA)	40.0		2.92	0.73	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorohexanoic acid (PFHxA)	36.6		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoroheptanoic acid (PFHpA)	12.1		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorooctanoic acid (PFOA)	22.3		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorononanoic acid (PFNA)	7.91		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorodecanoic acid (PFDA)	5.06		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1

Eurofins Edison

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-2_071724

Lab Sample ID: 460-307808-2

Date Collected: 07/17/24 12:15

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoroundecanoic acid (PFUnA)	2.32		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorododecanoic acid (PFDoA)	1.30	J	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorotridecanoic acid (PFTrDA)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorotetradecanoic acid (PFTeDA)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorobutanesulfonic acid (PFBS)	2.58		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoropentanesulfonic acid (PFPeS)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorohexanesulfonic acid (PFHxS)	0.48	J	1.46	0.38	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoroheptanesulfonic acid (PFHpS)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorooctanesulfonic acid (PFOS)	2.29		1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorononanesulfonic acid (PFNS)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorodecanesulfonic acid (PFDoS)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorooctanesulfonamide (PFOSA)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.46	U	1.46	0.45	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.46	U	1.46	0.38	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	14.6	U	14.6	3.65	ng/L		07/22/24 08:49	07/22/24 17:32	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	14.6	U	14.6	3.65	ng/L		07/22/24 08:49	07/22/24 17:32	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.92	U	2.92	0.73	ng/L		07/22/24 08:49	07/22/24 17:32	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.92	U	2.92	0.89	ng/L		07/22/24 08:49	07/22/24 17:32	1
9-Chlorohexadecafluoro-3-oxanonan e-1-sulfonic acid	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
11-Chloroeicosafluoro-3-oxaundecan e-1-sulfonic acid	5.83	U	5.83	1.46	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.92	U	2.92	0.73	ng/L		07/22/24 08:49	07/22/24 17:32	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.29	U	7.29	1.82	ng/L		07/22/24 08:49	07/22/24 17:32	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	36.5	U	36.5	9.12	ng/L		07/22/24 08:49	07/22/24 17:32	1

Eurofins Edison

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-2_071724

Lab Sample ID: 460-307808-2

Date Collected: 07/17/24 12:15

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	36.5	U	36.5	10.9	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluorodecanesulfonic acid (PFDS)	1.46	U	1.46	0.36	ng/L		07/22/24 08:49	07/22/24 17:32	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.92	U	2.92	0.73	ng/L		07/22/24 08:49	07/22/24 17:32	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
13C4 PFBA	105		10 - 130				07/22/24 08:49	07/22/24 17:32	1
13C5 PFPeA	88.5		35 - 150				07/22/24 08:49	07/22/24 17:32	1
13C5 PFHxA	89.3		55 - 150				07/22/24 08:49	07/22/24 17:32	1
13C4 PFHpA	88.7		55 - 150				07/22/24 08:49	07/22/24 17:32	1
13C8 PFOA	98.3		60 - 140				07/22/24 08:49	07/22/24 17:32	1
13C9 PFNA	95.9		55 - 140				07/22/24 08:49	07/22/24 17:32	1
13C6 PFDA	97.4		50 - 140				07/22/24 08:49	07/22/24 17:32	1
13C7 PFUnA	84.2		30 - 140				07/22/24 08:49	07/22/24 17:32	1
13C2 PFTeDA	59.5		10 - 130				07/22/24 08:49	07/22/24 17:32	1
13C3 PFBS	87.3		55 - 150				07/22/24 08:49	07/22/24 17:32	1
13C3 PFHxS	91.1		55 - 150				07/22/24 08:49	07/22/24 17:32	1
13C8 PFOS	95.7		45 - 140				07/22/24 08:49	07/22/24 17:32	1
13C8 FOSA	87.8		30 - 130				07/22/24 08:49	07/22/24 17:32	1
d3-NMeFOSAA	77.0		45 - 200				07/22/24 08:49	07/22/24 17:32	1
d5-NEtFOSAA	124		10 - 200				07/22/24 08:49	07/22/24 17:32	1
M2-4:2 FTS	89.0		60 - 200				07/22/24 08:49	07/22/24 17:32	1
M2-6:2 FTS	95.2		60 - 200				07/22/24 08:49	07/22/24 17:32	1
M2-8:2 FTS	84.2		50 - 200				07/22/24 08:49	07/22/24 17:32	1
13C3 HFPO-DA	88.0		25 - 160				07/22/24 08:49	07/22/24 17:32	1
d7-N-MeFOSE-M	89.2		10 - 150				07/22/24 08:49	07/22/24 17:32	1
d9-N-EtFOSE-M	76.9		10 - 150				07/22/24 08:49	07/22/24 17:32	1
d5-NEtPFOSA	67.4		10 - 130				07/22/24 08:49	07/22/24 17:32	1
d3-NMePFOSA	73.1		15 - 130				07/22/24 08:49	07/22/24 17:32	1
13C2-PFDoDA	77.2		10 - 150				07/22/24 08:49	07/22/24 17:32	1

Client Sample ID: DUP_071724

Lab Sample ID: 460-307808-3

Date Collected: 07/17/24 12:20

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	9.77		6.04	1.61	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoropentanoic acid (PFPeA)	40.7		3.02	0.75	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorohexanoic acid (PFHxA)	36.0		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoroheptanoic acid (PFHpA)	12.3		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorooctanoic acid (PFOA)	21.6		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorononanoic acid (PFNA)	7.62		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorodecanoic acid (PFDA)	5.17		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoroundecanoic acid (PFUnA)	1.89		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorododecanoic acid (PFDoA)	1.20	J	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorotridecanoic acid (PFTTrDA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorotetradecanoic acid (PFTTeDA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: DUP_071724

Lab Sample ID: 460-307808-3

Date Collected: 07/17/24 12:20

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanesulfonic acid (PFBS)	2.40		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoropentanesulfonic acid (PFPeS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorohexanesulfonic acid (PFHxS)	0.44	J	1.51	0.39	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoroheptanesulfonic acid (PFHpS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorooctanesulfonic acid (PFOS)	2.50		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorononanesulfonic acid (PFNS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorododecanesulfonic acid (PFDoS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorooctanesulfonamide (PFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.51	U	1.51	0.47	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.51	U	1.51	0.39	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	15.1	U	15.1	3.77	ng/L		07/22/24 08:49	07/22/24 17:46	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	15.1	U	15.1	3.77	ng/L		07/22/24 08:49	07/22/24 17:46	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.02	U	3.02	0.75	ng/L		07/22/24 08:49	07/22/24 17:46	1
Nonfluoro-3,6-dioxahexanoic acid (NFDHA)	3.02	U	3.02	0.92	ng/L		07/22/24 08:49	07/22/24 17:46	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	6.04	U	6.04	1.51	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.02	U	3.02	0.75	ng/L		07/22/24 08:49	07/22/24 17:46	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.55	U	7.55	1.89	ng/L		07/22/24 08:49	07/22/24 17:46	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	37.7	U	37.7	9.44	ng/L		07/22/24 08:49	07/22/24 17:46	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	37.7	U	37.7	11.2	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluorodecanesulfonic acid (PFDS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 17:46	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.02	U	3.02	0.75	ng/L		07/22/24 08:49	07/22/24 17:46	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: DUP_071724

Lab Sample ID: 460-307808-3

Date Collected: 07/17/24 12:20

Matrix: Water

Date Received: 07/17/24 20:45

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	106		10 - 130	07/22/24 08:49	07/22/24 17:46	1
13C5 PFPeA	89.0		35 - 150	07/22/24 08:49	07/22/24 17:46	1
13C5 PFHxA	88.5		55 - 150	07/22/24 08:49	07/22/24 17:46	1
13C4 PFHpA	91.3		55 - 150	07/22/24 08:49	07/22/24 17:46	1
13C8 PFOA	100		60 - 140	07/22/24 08:49	07/22/24 17:46	1
13C9 PFNA	93.0		55 - 140	07/22/24 08:49	07/22/24 17:46	1
13C6 PFDA	104		50 - 140	07/22/24 08:49	07/22/24 17:46	1
13C7 PFUnA	94.4		30 - 140	07/22/24 08:49	07/22/24 17:46	1
13C2 PFTeDA	67.1		10 - 130	07/22/24 08:49	07/22/24 17:46	1
13C3 PFBS	91.0		55 - 150	07/22/24 08:49	07/22/24 17:46	1
13C3 PFHxS	95.8		55 - 150	07/22/24 08:49	07/22/24 17:46	1
13C8 PFOS	91.8		45 - 140	07/22/24 08:49	07/22/24 17:46	1
13C8 FOSA	89.3		30 - 130	07/22/24 08:49	07/22/24 17:46	1
d3-NMeFOSAA	79.9		45 - 200	07/22/24 08:49	07/22/24 17:46	1
d5-NEtFOSAA	119		10 - 200	07/22/24 08:49	07/22/24 17:46	1
M2-4:2 FTS	94.4		60 - 200	07/22/24 08:49	07/22/24 17:46	1
M2-6:2 FTS	91.7		60 - 200	07/22/24 08:49	07/22/24 17:46	1
M2-8:2 FTS	86.7		50 - 200	07/22/24 08:49	07/22/24 17:46	1
13C3 HFPO-DA	86.1		25 - 160	07/22/24 08:49	07/22/24 17:46	1
d7-N-MeFOSE-M	79.1		10 - 150	07/22/24 08:49	07/22/24 17:46	1
d9-N-EtFOSE-M	75.2		10 - 150	07/22/24 08:49	07/22/24 17:46	1
d5-NEtPFOSA	69.9		10 - 130	07/22/24 08:49	07/22/24 17:46	1
d3-NMePFOSA	74.4		15 - 130	07/22/24 08:49	07/22/24 17:46	1
13C2-PFDoDA	85.0		10 - 150	07/22/24 08:49	07/22/24 17:46	1

Client Sample ID: WCF-1D_071724

Lab Sample ID: 460-307808-4

Date Collected: 07/17/24 13:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.42		6.05	1.61	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoropentanoic acid (PFPeA)	21.2		3.02	0.76	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorohexanoic acid (PFHxA)	24.9		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoroheptanoic acid (PFHpA)	10.5		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorooctanoic acid (PFOA)	19.8		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorononanoic acid (PFNA)	5.18		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorodecanoic acid (PFDA)	5.98		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoroundecanoic acid (PFUnA)	5.79		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorododecanoic acid (PFDoA)	0.53 J		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorotridecanoic acid (PFTriDA)	1.51 U		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorotetradecanoic acid (PFTeDA)	1.51 U		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorobutanesulfonic acid (PFBS)	2.67		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoropentanesulfonic acid (PFPeS)	1.51 U		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorohexanesulfonic acid (PFHxS)	0.91 J		1.51	0.39	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoroheptanesulfonic acid (PFHpS)	1.51 U		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1

Eurofins Edison

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-1D_071724

Lab Sample ID: 460-307808-4

Date Collected: 07/17/24 13:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorooctanesulfonic acid (PFOS)	8.46		1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorononanesulfonic acid (PFNS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorododecanesulfonic acid (PFDoS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorooctanesulfonamide (PFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.51	U	1.51	0.47	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.51	U	1.51	0.39	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	15.1	U	15.1	3.78	ng/L		07/22/24 08:49	07/22/24 18:00	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	15.1	U	15.1	3.78	ng/L		07/22/24 08:49	07/22/24 18:00	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.02	U	3.02	0.76	ng/L		07/22/24 08:49	07/22/24 18:00	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.02	U	3.02	0.92	ng/L		07/22/24 08:49	07/22/24 18:00	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	6.05	U	6.05	1.51	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.02	U	3.02	0.76	ng/L		07/22/24 08:49	07/22/24 18:00	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.56	U	7.56	1.89	ng/L		07/22/24 08:49	07/22/24 18:00	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	37.8	U	37.8	9.45	ng/L		07/22/24 08:49	07/22/24 18:00	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	37.8	U	37.8	11.3	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluorodecanesulfonic acid (PFDS)	1.51	U	1.51	0.38	ng/L		07/22/24 08:49	07/22/24 18:00	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.02	U	3.02	0.76	ng/L		07/22/24 08:49	07/22/24 18:00	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	103		10 - 130	07/22/24 08:49	07/22/24 18:00	1
13C5 PFPeA	82.9		35 - 150	07/22/24 08:49	07/22/24 18:00	1
13C5 PFHxA	83.0		55 - 150	07/22/24 08:49	07/22/24 18:00	1
13C4 PFHpA	87.4		55 - 150	07/22/24 08:49	07/22/24 18:00	1
13C8 PFOA	90.2		60 - 140	07/22/24 08:49	07/22/24 18:00	1
13C9 PFNA	91.7		55 - 140	07/22/24 08:49	07/22/24 18:00	1
13C6 PFDA	94.8		50 - 140	07/22/24 08:49	07/22/24 18:00	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-1D_071724

Lab Sample ID: 460-307808-4

Date Collected: 07/17/24 13:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C7 PFUnA	81.6		30 - 140	07/22/24 08:49	07/22/24 18:00	1
13C2 PFTeDA	71.5		10 - 130	07/22/24 08:49	07/22/24 18:00	1
13C3 PFBS	90.4		55 - 150	07/22/24 08:49	07/22/24 18:00	1
13C3 PFHxS	94.3		55 - 150	07/22/24 08:49	07/22/24 18:00	1
13C8 PFOS	96.8		45 - 140	07/22/24 08:49	07/22/24 18:00	1
13C8 FOSA	94.9		30 - 130	07/22/24 08:49	07/22/24 18:00	1
d3-NMeFOSAA	88.3		45 - 200	07/22/24 08:49	07/22/24 18:00	1
d5-NEtFOSAA	135		10 - 200	07/22/24 08:49	07/22/24 18:00	1
M2-4:2 FTS	85.7		60 - 200	07/22/24 08:49	07/22/24 18:00	1
M2-6:2 FTS	89.2		60 - 200	07/22/24 08:49	07/22/24 18:00	1
M2-8:2 FTS	78.0		50 - 200	07/22/24 08:49	07/22/24 18:00	1
13C3 HFPO-DA	82.3		25 - 160	07/22/24 08:49	07/22/24 18:00	1
d7-N-MeFOSE-M	87.8		10 - 150	07/22/24 08:49	07/22/24 18:00	1
d9-N-EtFOSE-M	81.7		10 - 150	07/22/24 08:49	07/22/24 18:00	1
d5-NEtPFOSA	72.7		10 - 130	07/22/24 08:49	07/22/24 18:00	1
d3-NMePFOSA	74.6		15 - 130	07/22/24 08:49	07/22/24 18:00	1
13C2-PFDoDA	81.3		10 - 150	07/22/24 08:49	07/22/24 18:00	1

Client Sample ID: WCF-3S_071724

Lab Sample ID: 460-307808-5

Date Collected: 07/17/24 14:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	10.0		6.16	1.64	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoropentanoic acid (PFPeA)	16.1		3.08	0.77	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorohexanoic acid (PFHxA)	32.1		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoroheptanoic acid (PFHpA)	9.85		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorooctanoic acid (PFOA)	33.8		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorononanoic acid (PFNA)	3.71		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorodecanoic acid (PFDA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoroundecanoic acid (PFUnA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorododecanoic acid (PFDoA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorotridecanoic acid (PFTrDA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorotetradecanoic acid (PFTeDA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorobutanesulfonic acid (PFBS)	13.8		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoropentanesulfonic acid (PFPeS)	1.20	J	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorohexanesulfonic acid (PFHxS)	7.03		1.54	0.40	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoroheptanesulfonic acid (PFHpS)	0.50	J	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorooctanesulfonic acid (PFOS)	26.9		1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorononanesulfonic acid (PFNS)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorododecanesulfonic acid (PFDoS)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-3S_071724

Lab Sample ID: 460-307808-5

Date Collected: 07/17/24 14:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorooctanesulfonamide (PFOSA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.54	U	1.54	0.48	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.54	U	1.54	0.40	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	15.4	U	15.4	3.85	ng/L		07/22/24 08:49	07/22/24 18:13	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	15.4	U	15.4	3.85	ng/L		07/22/24 08:49	07/22/24 18:13	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	3.08	U	3.08	0.77	ng/L		07/22/24 08:49	07/22/24 18:13	1
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.08	U	3.08	0.94	ng/L		07/22/24 08:49	07/22/24 18:13	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	6.16	U	6.16	1.54	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	3.08	U	3.08	0.77	ng/L		07/22/24 08:49	07/22/24 18:13	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.70	U	7.70	1.92	ng/L		07/22/24 08:49	07/22/24 18:13	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	38.5	U	38.5	9.62	ng/L		07/22/24 08:49	07/22/24 18:13	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	38.5	U	38.5	11.5	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluorodecanesulfonic acid (PFDS)	1.54	U	1.54	0.38	ng/L		07/22/24 08:49	07/22/24 18:13	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	3.08	U	3.08	0.77	ng/L		07/22/24 08:49	07/22/24 18:13	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	102		10 - 130	07/22/24 08:49	07/22/24 18:13	1
13C5 PFPeA	89.6		35 - 150	07/22/24 08:49	07/22/24 18:13	1
13C5 PFHxA	87.4		55 - 150	07/22/24 08:49	07/22/24 18:13	1
13C4 PFHpA	89.7		55 - 150	07/22/24 08:49	07/22/24 18:13	1
13C8 PFOA	86.1		60 - 140	07/22/24 08:49	07/22/24 18:13	1
13C9 PFNA	91.6		55 - 140	07/22/24 08:49	07/22/24 18:13	1
13C6 PFDA	100		50 - 140	07/22/24 08:49	07/22/24 18:13	1
13C7 PFUnA	98.8		30 - 140	07/22/24 08:49	07/22/24 18:13	1
13C2 PFTeDA	81.1		10 - 130	07/22/24 08:49	07/22/24 18:13	1
13C3 PFBS	88.0		55 - 150	07/22/24 08:49	07/22/24 18:13	1
13C3 PFHxS	93.9		55 - 150	07/22/24 08:49	07/22/24 18:13	1
13C8 PFOS	96.2		45 - 140	07/22/24 08:49	07/22/24 18:13	1
13C8 FOSA	89.9		30 - 130	07/22/24 08:49	07/22/24 18:13	1
d3-NMeFOSAA	79.5		45 - 200	07/22/24 08:49	07/22/24 18:13	1
d5-NEtFOSAA	123		10 - 200	07/22/24 08:49	07/22/24 18:13	1

Eurofins Edison

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-3S_071724

Lab Sample ID: 460-307808-5

Date Collected: 07/17/24 14:00

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
M2-4:2 FTS	89.5		60 - 200	07/22/24 08:49	07/22/24 18:13	1
M2-6:2 FTS	83.0		60 - 200	07/22/24 08:49	07/22/24 18:13	1
M2-8:2 FTS	78.7		50 - 200	07/22/24 08:49	07/22/24 18:13	1
13C3 HFPO-DA	89.6		25 - 160	07/22/24 08:49	07/22/24 18:13	1
d7-N-MeFOSE-M	82.3		10 - 150	07/22/24 08:49	07/22/24 18:13	1
d9-N-EtFOSE-M	81.4		10 - 150	07/22/24 08:49	07/22/24 18:13	1
d5-NEtPFOSA	65.1		10 - 130	07/22/24 08:49	07/22/24 18:13	1
d3-NMePFOSA	70.2		15 - 130	07/22/24 08:49	07/22/24 18:13	1
13C2-PFDoDA	87.0		10 - 150	07/22/24 08:49	07/22/24 18:13	1

Client Sample ID: WCF-3D_071724

Lab Sample ID: 460-307808-6

Date Collected: 07/17/24 14:35

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	11.3		5.97	1.59	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoropentanoic acid (PFPeA)	31.6		2.99	0.75	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorohexanoic acid (PFHxA)	35.4		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoroheptanoic acid (PFHpA)	16.4		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorooctanoic acid (PFOA)	28.7		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorononanoic acid (PFNA)	8.00		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorodecanoic acid (PFDA)	9.31		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoroundecanoic acid (PFUnA)	1.64		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorododecanoic acid (PFDoA)	1.37	J	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorotridecanoic acid (PFTrDA)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorotetradecanoic acid (PFTeDA)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorobutanesulfonic acid (PFBS)	4.12		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoropentanesulfonic acid (PFPeS)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorohexanesulfonic acid (PFHxS)	2.60		1.49	0.39	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoroheptanesulfonic acid (PFHpS)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorooctanesulfonic acid (PFOS)	7.97		1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorononanesulfonic acid (PFNS)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorododecanesulfonic acid (PFDoS)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorooctanesulfonamide (PFOSA)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1

Eurofins Edison

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-3D_071724

Lab Sample ID: 460-307808-6

Date Collected: 07/17/24 14:35

Matrix: Water

Date Received: 07/17/24 20:45

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.49	U	1.49	0.46	ng/L		07/22/24 08:49	07/22/24 18:27	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.49	U	1.49	0.39	ng/L		07/22/24 08:49	07/22/24 18:27	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	14.9	U	14.9	3.73	ng/L		07/22/24 08:49	07/22/24 18:27	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	14.9	U	14.9	3.73	ng/L		07/22/24 08:49	07/22/24 18:27	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.99	U	2.99	0.75	ng/L		07/22/24 08:49	07/22/24 18:27	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	2.99	U	2.99	0.91	ng/L		07/22/24 08:49	07/22/24 18:27	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	5.97	U	5.97	1.49	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoro (2-ethoxyethane) sulfonic acid (PFEESA)	2.99	U	2.99	0.75	ng/L		07/22/24 08:49	07/22/24 18:27	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.46	U	7.46	1.87	ng/L		07/22/24 08:49	07/22/24 18:27	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	37.3	U	37.3	9.33	ng/L		07/22/24 08:49	07/22/24 18:27	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	37.3	U	37.3	11.1	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluorodecanesulfonic acid (PFDS)	1.49	U	1.49	0.37	ng/L		07/22/24 08:49	07/22/24 18:27	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.99	U	2.99	0.75	ng/L		07/22/24 08:49	07/22/24 18:27	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	98.3		10 - 130	07/22/24 08:49	07/22/24 18:27	1
13C5 PFPeA	80.0		35 - 150	07/22/24 08:49	07/22/24 18:27	1
13C5 PFHxA	78.3		55 - 150	07/22/24 08:49	07/22/24 18:27	1
13C4 PFHpA	78.9		55 - 150	07/22/24 08:49	07/22/24 18:27	1
13C8 PFOA	99.1		60 - 140	07/22/24 08:49	07/22/24 18:27	1
13C9 PFNA	87.6		55 - 140	07/22/24 08:49	07/22/24 18:27	1
13C6 PFDA	93.7		50 - 140	07/22/24 08:49	07/22/24 18:27	1
13C7 PFUnA	87.7		30 - 140	07/22/24 08:49	07/22/24 18:27	1
13C2 PFTeDA	70.1		10 - 130	07/22/24 08:49	07/22/24 18:27	1
13C3 PFBS	77.5		55 - 150	07/22/24 08:49	07/22/24 18:27	1
13C3 PFHxS	82.6		55 - 150	07/22/24 08:49	07/22/24 18:27	1
13C8 PFOS	85.7		45 - 140	07/22/24 08:49	07/22/24 18:27	1
13C8 FOSA	84.7		30 - 130	07/22/24 08:49	07/22/24 18:27	1
d3-NMeFOSAA	75.5		45 - 200	07/22/24 08:49	07/22/24 18:27	1
d5-NEtFOSAA	113		10 - 200	07/22/24 08:49	07/22/24 18:27	1
M2-4:2 FTS	79.1		60 - 200	07/22/24 08:49	07/22/24 18:27	1
M2-6:2 FTS	82.8		60 - 200	07/22/24 08:49	07/22/24 18:27	1
M2-8:2 FTS	70.1		50 - 200	07/22/24 08:49	07/22/24 18:27	1
13C3 HFPO-DA	81.7		25 - 160	07/22/24 08:49	07/22/24 18:27	1
d7-N-MeFOSE-M	81.9		10 - 150	07/22/24 08:49	07/22/24 18:27	1
d9-N-EtFOSE-M	77.6		10 - 150	07/22/24 08:49	07/22/24 18:27	1

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Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: WCF-3D_071724
Date Collected: 07/17/24 14:35
Date Received: 07/17/24 20:45

Lab Sample ID: 460-307808-6
Matrix: Water

Method: EPA 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)						
Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
d5-NEtPFOSA	66.1		10 - 130	07/22/24 08:49	07/22/24 18:27	1
d3-NMePFOSA	70.7		15 - 130	07/22/24 08:49	07/22/24 18:27	1
13C2-PFDoDA	88.4		10 - 150	07/22/24 08:49	07/22/24 18:27	1

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFBA (10-130)	PFPeA (35-150)	13C5PHA (55-150)	C4PFHA (55-150)	C8PFOA (60-140)	C9PFNA (55-140)	C6PFDA (50-140)	13C7PUA (30-140)
240-208110-B-5-A DU	Duplicate	102	92.9	95.9	93.3	100	92.3	100	87.2
460-307808-1	MW-11N_071724	104	90.4	92.8	92.0	92.2	84.9	101	87.7
460-307808-1 MS	MW-11N_071724	105	91.5	92.0	95.6	95.2	86.7	97.9	98.1
460-307808-1 MSD	MW-11N_071724	107	90.8	93.8	93.9	96.1	88.7	90.8	81.7
460-307808-2	MW-2_071724	105	88.5	89.3	88.7	98.3	95.9	97.4	84.2
460-307808-3	DUP_071724	106	89.0	88.5	91.3	100	93.0	104	94.4
460-307808-4	WCF-1D_071724	103	82.9	83.0	87.4	90.2	91.7	94.8	81.6
460-307808-5	WCF-3S_071724	102	89.6	87.4	89.7	86.1	91.6	100	98.8
460-307808-6	WCF-3D_071724	98.3	80.0	78.3	78.9	99.1	87.6	93.7	87.7
MB 240-620657/1-A	Method Blank	92.2	87.0	87.4	89.3	87.0	79.6	85.4	83.9
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (55-150)	C3PFHS (55-150)	C8PFOS (45-140)	PFOSA (30-130)	d3NMFOS (45-200)	d5NEFOS (10-200)	M242FTS (60-200)
240-208110-B-5-A DU	Duplicate	80.6	88.2	92.0	95.4	94.9	87.4	139	83.2
460-307808-1	MW-11N_071724	67.8	85.6	91.5	88.4	86.4	75.9	123	84.2
460-307808-1 MS	MW-11N_071724	77.0	82.9	88.3	91.4	88.1	87.2	127	81.5
460-307808-1 MSD	MW-11N_071724	69.3	94.3	94.5	92.4	89.4	75.5	125	82.1
460-307808-2	MW-2_071724	59.5	87.3	91.1	95.7	87.8	77.0	124	89.0
460-307808-3	DUP_071724	67.1	91.0	95.8	91.8	89.3	79.9	119	94.4
460-307808-4	WCF-1D_071724	71.5	90.4	94.3	96.8	94.9	88.3	135	85.7
460-307808-5	WCF-3S_071724	81.1	88.0	93.9	96.2	89.9	79.5	123	89.5
460-307808-6	WCF-3D_071724	70.1	77.5	82.6	85.7	84.7	75.5	113	79.1
MB 240-620657/1-A	Method Blank	69.5	70.1	76.4	78.3	77.2	70.6	119	75.3
		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	M262FTS (60-200)	M282FTS (50-200)	HFPODA (25-160)	NMFM (10-150)	NEFM (10-150)	d5NPFSA (10-130)	d3NMFSA (15-130)	PFDODA (10-150)
240-208110-B-5-A DU	Duplicate	87.3	83.9	94.4	99.5	98.9	75.5	76.6	85.4
460-307808-1	MW-11N_071724	90.4	84.5	90.2	82.5	71.1	63.5	68.3	74.7
460-307808-1 MS	MW-11N_071724	75.4	82.6	92.0	86.3	77.1	68.0	73.5	89.2
460-307808-1 MSD	MW-11N_071724	91.4	88.1	92.8	86.4	74.1	64.1	63.9	80.9
460-307808-2	MW-2_071724	95.2	84.2	88.0	89.2	76.9	67.4	73.1	77.2
460-307808-3	DUP_071724	91.7	86.7	86.1	79.1	75.2	69.9	74.4	85.0
460-307808-4	WCF-1D_071724	89.2	78.0	82.3	87.8	81.7	72.7	74.6	81.3
460-307808-5	WCF-3S_071724	83.0	78.7	89.6	82.3	81.4	65.1	70.2	87.0
460-307808-6	WCF-3D_071724	82.8	70.1	81.7	81.9	77.6	66.1	70.7	88.4
MB 240-620657/1-A	Method Blank	78.5	77.3	84.8	81.3	72.7	60.9	62.2	73.3
Surrogate Legend									
PFBA = 13C4 PFBA									
PFPeA = 13C5 PFPeA									
13C5PHA = 13C5 PFHxA									
C4PFHA = 13C4 PFHpA									
C8PFOA = 13C8 PFOA									
C9PFNA = 13C9 PFNA									
C6PFDA = 13C6 PFDA									
13C7PUA = 13C7 PFUnA									
PFTDA = 13C2 PFTeDA									
C3PFBS = 13C3 PFBS									
C3PFHS = 13C3 PFHxS									

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Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC

Job ID: 460-307808-1

Project/Site: Watchcase – Sag Harbor

C8PFOS = 13C8 PFOS
 PFOSA = 13C8 FOSA
 d3NMFOS = d3-NMeFOSAA
 d5NEFOS = d5-NEtFOSAA
 M242FTS = M2-4:2 FTS
 M262FTS = M2-6:2 FTS
 M282FTS = M2-8:2 FTS
 HFPODA = 13C3 HFPO-DA
 NMFM = d7-N-MeFOSE-M
 NEFM = d9-N-EtFOSE-M
 d5NPFSA = d5-NEtPFOSA
 d3NMFSA = d3-NMePFOSA
 PFDODA = 13C2-PFDODA

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Matrix: Water

Prep Type: Total/NA

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFBA (10-130)	PFPeA (40-150)	13C5PHA (40-150)	C4PFHA (40-150)	C8PFOA (30-140)	C9PFNA (30-140)	C6PFDA (20-140)	13C7PUA (20-140)
LCS 240-620657/3-A	Lab Control Sample	105	99.8	97.8	104	104	97.4	96.6	85.3
LLCS 240-620657/2-A	Lab Control Sample	91.0	88.6	88.4	91.9	83.0	77.9	84.3	82.0

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	PFTDA (10-130)	C3PFBS (25-150)	C3PFHS (25-150)	C8PFOS (20-140)	PFOSA (10-130)	d3NMFOS (10-200)	d5NEFOS (10-200)	M242FTS (25-200)
LCS 240-620657/3-A	Lab Control Sample	75.7	85.3	91.1	93.8	92.8	91.3	141	77.4
LLCS 240-620657/2-A	Lab Control Sample	61.3	71.6	74.5	81.6	83.1	73.1	117	78.5

Percent Isotope Dilution Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	M262FTS (25-200)	M282FTS (25-200)	HFPODA (25-160)	NMFM (10-150)	NEFM (10-150)	d5NPFSA (10-130)	d3NMFSA (10-130)	PFDODA (10-150)
LCS 240-620657/3-A	Lab Control Sample	82.8	76.5	96.6	95.4	84.6	69.7	70.2	79.7
LLCS 240-620657/2-A	Lab Control Sample	76.8	73.7	87.0	81.7	79.3	61.2	64.7	80.0

Surrogate Legend

PFBA = 13C4 PFBA
 PFPeA = 13C5 PFPeA
 13C5PHA = 13C5 PFHxA
 C4PFHA = 13C4 PFHpA
 C8PFOA = 13C8 PFOA
 C9PFNA = 13C9 PFNA
 C6PFDA = 13C6 PFDA
 13C7PUA = 13C7 PFUnA
 PFTDA = 13C2 PFTeDA
 C3PFBS = 13C3 PFBS
 C3PFHS = 13C3 PFHxS
 C8PFOS = 13C8 PFOS
 PFOSA = 13C8 FOSA
 d3NMFOS = d3-NMeFOSAA
 d5NEFOS = d5-NEtFOSAA
 M242FTS = M2-4:2 FTS
 M262FTS = M2-6:2 FTS
 M282FTS = M2-8:2 FTS
 HFPODA = 13C3 HFPO-DA
 NMFM = d7-N-MeFOSE-M
 NEFM = d9-N-EtFOSE-M
 d5NPFSA = d5-NEtPFOSA

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Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor
d3NMFSA = d3-NMePFOSA
PFDoDA = 13C2-PFDoDA

Job ID: 460-307808-1

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS

Lab Sample ID: MB 240-620657/1-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 620657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	8.00	U	8.00	2.13	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoropentanoic acid (PFPeA)	4.00	U	4.00	1.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorohexanoic acid (PFHxA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoroheptanoic acid (PFHpA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorooctanoic acid (PFOA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorononanoic acid (PFNA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorodecanoic acid (PFDA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoroundecanoic acid (PFUnA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorododecanoic acid (PFDoA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorotridecanoic acid (PFTriDA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorotetradecanoic acid (PFTeDA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorobutanesulfonic acid (PFBS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoropentanesulfonic acid (PFPeS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorohexanesulfonic acid (PFHxS)	2.00	U	2.00	0.52	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoroheptanesulfonic acid (PFHpS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorooctanesulfonic acid (PFOS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorononanesulfonic acid (PFNS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorododecanesulfonic acid (PFDoS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorooctanesulfonamide (PFOSA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.62	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.52	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	U	20.0	5.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	U	20.0	5.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	U	4.00	1.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
Nonafluoro-3,6-dioxahexanoic acid (NFDHA)	4.00	U	4.00	1.22	ng/L		07/22/24 08:49	07/22/24 13:55	1
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	8.00	U	8.00	2.00	ng/L		07/22/24 08:49	07/22/24 13:55	1

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: MB 240-620657/1-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 620657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluoro (2-ethoxyethane) sulfonic acid (PFESA)	4.00	U	4.00	1.00	ng/L		07/22/24 08:49	07/22/24 13:55	1
3-Perfluoropropylpropanoic acid (3:3 FTCA)	10.0	U	10.0	2.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
3-Perfluoropentylpropanoic acid (5:3 FTCA)	50.0	U	50.0	12.5	ng/L		07/22/24 08:49	07/22/24 13:55	1
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	50.0	U	50.0	14.9	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluorodecanesulfonic acid (PFDS)	2.00	U	2.00	0.50	ng/L		07/22/24 08:49	07/22/24 13:55	1
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	U	4.00	1.00	ng/L		07/22/24 08:49	07/22/24 13:55	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
13C4 PFBA	92.2		10 - 130	07/22/24 08:49	07/22/24 13:55	1
13C5 PFPeA	87.0		35 - 150	07/22/24 08:49	07/22/24 13:55	1
13C5 PFHxA	87.4		55 - 150	07/22/24 08:49	07/22/24 13:55	1
13C4 PFHpA	89.3		55 - 150	07/22/24 08:49	07/22/24 13:55	1
13C8 PFOA	87.0		60 - 140	07/22/24 08:49	07/22/24 13:55	1
13C9 PFNA	79.6		55 - 140	07/22/24 08:49	07/22/24 13:55	1
13C6 PFDA	85.4		50 - 140	07/22/24 08:49	07/22/24 13:55	1
13C7 PFUnA	83.9		30 - 140	07/22/24 08:49	07/22/24 13:55	1
13C2 PFTeDA	69.5		10 - 130	07/22/24 08:49	07/22/24 13:55	1
13C3 PFBS	70.1		55 - 150	07/22/24 08:49	07/22/24 13:55	1
13C3 PFHxS	76.4		55 - 150	07/22/24 08:49	07/22/24 13:55	1
13C8 PFOS	78.3		45 - 140	07/22/24 08:49	07/22/24 13:55	1
13C8 FOSA	77.2		30 - 130	07/22/24 08:49	07/22/24 13:55	1
d3-NMeFOSAA	70.6		45 - 200	07/22/24 08:49	07/22/24 13:55	1
d5-NEtFOSAA	119		10 - 200	07/22/24 08:49	07/22/24 13:55	1
M2-4:2 FTS	75.3		60 - 200	07/22/24 08:49	07/22/24 13:55	1
M2-6:2 FTS	78.5		60 - 200	07/22/24 08:49	07/22/24 13:55	1
M2-8:2 FTS	77.3		50 - 200	07/22/24 08:49	07/22/24 13:55	1
13C3 HFPO-DA	84.8		25 - 160	07/22/24 08:49	07/22/24 13:55	1
d7-N-MeFOSE-M	81.3		10 - 150	07/22/24 08:49	07/22/24 13:55	1
d9-N-EtFOSE-M	72.7		10 - 150	07/22/24 08:49	07/22/24 13:55	1
d5-NEtPFOSA	60.9		10 - 130	07/22/24 08:49	07/22/24 13:55	1
d3-NMePFOSA	62.2		15 - 130	07/22/24 08:49	07/22/24 13:55	1
13C2-PFDoDA	73.3		10 - 150	07/22/24 08:49	07/22/24 13:55	1

Lab Sample ID: LCS 240-620657/3-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	100	108.7		ng/L		109	58 - 148
Perfluoropentanoic acid (PFPeA)	50.0	53.36		ng/L		107	54 - 152
Perfluorohexanoic acid (PFHxA)	25.0	26.60		ng/L		106	55 - 152
Perfluoroheptanoic acid (PFHpA)	25.0	24.21		ng/L		97	54 - 154
Perfluorooctanoic acid (PFOA)	25.0	23.69		ng/L		95	52 - 161
Perfluorononanoic acid (PFNA)	25.0	26.18		ng/L		105	59 - 149
Perfluorodecanoic acid (PFDA)	25.0	20.79		ng/L		83	52 - 147

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-620657/3-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	25.0	25.65		ng/L		103	48 - 159
Perfluorododecanoic acid (PFDoA)	25.0	24.05		ng/L		96	64 - 142
Perfluorotridecanoic acid (PFTrDA)	25.0	24.37		ng/L		97	49 - 148
Perfluorotetradecanoic acid (PFTeDA)	25.0	25.60		ng/L		102	47 - 161
Perfluorobutanesulfonic acid (PFBS)	22.1	24.77		ng/L		112	62 - 144
Perfluoropentanesulfonic acid (PFPeS)	23.5	23.09		ng/L		98	59 - 151
Perfluorohexanesulfonic acid (PFHxS)	22.8	22.24		ng/L		98	57 - 146
Perfluoroheptanesulfonic acid (PFHpS)	23.8	26.76		ng/L		112	55 - 152
Perfluorooctanesulfonic acid (PFOS)	23.2	24.11		ng/L		104	58 - 149
Perfluorononanesulfonic acid (PFNS)	24.0	23.87		ng/L		99	52 - 148
Perfluorododecanesulfonic acid (PFDoS)	24.2	20.67		ng/L		85	36 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	93.4	102.7		ng/L		110	67 - 146
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	94.8	107.3		ng/L		113	61 - 151
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	95.8	102.9		ng/L		107	63 - 152
Perfluorooctanesulfonamide (PFOSA)	25.0	26.65		ng/L		107	61 - 148
N-methylperfluorooctane sulfonamide (NMeFOSA)	25.0	29.54		ng/L		118	63 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	25.0	26.82		ng/L		107	65 - 139
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	25.0	24.16		ng/L		97	58 - 144
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	25.0	26.19		ng/L		105	59 - 146
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	250	253.9		ng/L		102	71 - 136
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	250	268.9		ng/L		108	69 - 137
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	100	106.1		ng/L		106	63 - 144
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	94.2	104.3		ng/L		111	68 - 146
Perfluoro-4-methoxybutanoic acid (PFMBA)	50.0	52.30		ng/L		105	55 - 148
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	50.0	55.34		ng/L		111	48 - 161
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	93.2	100.6		ng/L		108	56 - 156
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	94.2	91.55		ng/L		97	46 - 156
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	44.5	47.86		ng/L		108	56 - 151

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LCS 240-620657/3-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	125	128.9		ng/L		103	62 - 129
3-Perfluoropentylpropanoic acid (5:3 FTCA)	625	699.1		ng/L		112	63 - 134
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	625	626.3		ng/L		100	50 - 138
Perfluorodecanesulfonic acid (PFDS)	24.1	23.30		ng/L		97	51 - 147
Perfluoro-3-methoxypropanoic acid (PFMPA)	50.0	53.29		ng/L		107	51 - 145

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
13C4 PFBA	105		10 - 130
13C5 PFPeA	99.8		40 - 150
13C5 PFHxA	97.8		40 - 150
13C4 PFHpA	104		40 - 150
13C8 PFOA	104		30 - 140
13C9 PFNA	97.4		30 - 140
13C6 PFDA	96.6		20 - 140
13C7 PFUnA	85.3		20 - 140
13C2 PFTeDA	75.7		10 - 130
13C3 PFBS	85.3		25 - 150
13C3 PFHxS	91.1		25 - 150
13C8 PFOS	93.8		20 - 140
13C8 FOSA	92.8		10 - 130
d3-NMeFOSAA	91.3		10 - 200
d5-NEtFOSAA	141		10 - 200
M2-4:2 FTS	77.4		25 - 200
M2-6:2 FTS	82.8		25 - 200
M2-8:2 FTS	76.5		25 - 200
13C3 HFPO-DA	96.6		25 - 160
d7-N-MeFOSE-M	95.4		10 - 150
d9-N-EtFOSE-M	84.6		10 - 150
d5-NEtPFOSA	69.7		10 - 130
d3-NMePFOSA	70.2		10 - 130
13C2-PFDoDA	79.7		10 - 150

Lab Sample ID: LLCS 240-620657/2-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	8.00	8.718		ng/L		109	44 - 157
Perfluoropentanoic acid (PFPeA)	4.00	4.676		ng/L		117	57 - 148
Perfluorohexanoic acid (PFHxA)	2.00	2.303		ng/L		115	62 - 149
Perfluoroheptanoic acid (PFHpA)	2.00	2.230		ng/L		112	56 - 150
Perfluorooctanoic acid (PFOA)	2.00	2.703		ng/L		135	57 - 161
Perfluorononanoic acid (PFNA)	2.00	2.576		ng/L		129	53 - 157
Perfluorodecanoic acid (PFDA)	2.00	2.428		ng/L		121	43 - 158

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-620657/2-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	2.00	2.069		ng/L		103	50 - 155
Perfluorododecanoic acid (PFDoA)	2.00	1.907	J	ng/L		95	60 - 141
Perfluorotridecanoic acid (PFTrDA)	2.00	2.035		ng/L		102	52 - 140
Perfluorotetradecanoic acid (PFTeDA)	2.00	2.700		ng/L		135	52 - 156
Perfluorobutanesulfonic acid (PFBS)	1.77	2.111		ng/L		119	63 - 145
Perfluoropentanesulfonic acid (PFPeS)	1.88	1.949	J	ng/L		104	58 - 144
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.836	J	ng/L		101	44 - 158
Perfluoroheptanesulfonic acid (PFHpS)	1.90	2.285		ng/L		120	51 - 150
Perfluorooctanesulfonic acid (PFOS)	1.86	1.992	J	ng/L		107	43 - 162
Perfluorononanesulfonic acid (PFNS)	1.92	1.839	J	ng/L		96	46 - 151
Perfluorododecanesulfonic acid (PFDoS)	1.94	1.513	J	ng/L		78	30 - 138
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	7.47	7.866	J	ng/L		105	52 - 158
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	7.58	7.717	J	ng/L		102	48 - 158
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	7.66	7.940	J	ng/L		104	46 - 165
Perfluorooctanesulfonamide (PFOSA)	2.00	2.168		ng/L		108	47 - 163
N-methylperfluorooctane sulfonamide (NMeFOSA)	2.00	2.528		ng/L		126	54 - 155
N-ethylperfluorooctane sulfonamide (NEtFOSA)	2.00	2.352		ng/L		118	49 - 156
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.193		ng/L		110	32 - 160
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	2.084		ng/L		104	51 - 154
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	20.0	22.82		ng/L		114	56 - 151
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	20.0	21.93		ng/L		110	60 - 147
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	8.00	8.815		ng/L		110	58 - 154
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.54	8.857		ng/L		118	61 - 148
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.00	4.063		ng/L		102	49 - 154
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	4.00	3.981	J	ng/L		100	47 - 160
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	7.46	7.561	J	ng/L		101	44 - 167
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	7.54	7.542	J	ng/L		100	36 - 158
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	3.56	3.625	J	ng/L		102	56 - 144

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: LLCS 240-620657/2-A

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	10.0	10.54		ng/L		105	32 - 161
3-Perfluoropentylpropanoic acid (5:3 FTCA)	50.0	55.94		ng/L		112	39 - 156
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	50.0	51.31		ng/L		103	36 - 149
Perfluorodecanesulfonic acid (PFDS)	1.93	1.999	J	ng/L		104	50 - 144
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.00	4.457		ng/L		111	48 - 150

Isotope Dilution	LLCS %Recovery	LLCS Qualifier	Limits
13C4 PFBA	91.0		10 - 130
13C5 PFPeA	88.6		40 - 150
13C5 PFHxA	88.4		40 - 150
13C4 PFHpA	91.9		40 - 150
13C8 PFOA	83.0		30 - 140
13C9 PFNA	77.9		30 - 140
13C6 PFDA	84.3		20 - 140
13C7 PFUnA	82.0		20 - 140
13C2 PFTeDA	61.3		10 - 130
13C3 PFBS	71.6		25 - 150
13C3 PFHxS	74.5		25 - 150
13C8 PFOS	81.6		20 - 140
13C8 FOSA	83.1		10 - 130
d3-NMeFOSAA	73.1		10 - 200
d5-NEtFOSAA	117		10 - 200
M2-4:2 FTS	78.5		25 - 200
M2-6:2 FTS	76.8		25 - 200
M2-8:2 FTS	73.7		25 - 200
13C3 HFPO-DA	87.0		25 - 160
d7-N-MeFOSE-M	81.7		10 - 150
d9-N-EtFOSE-M	79.3		10 - 150
d5-NEtPFOSA	61.2		10 - 130
d3-NMePFOSA	64.7		10 - 130
13C2-PFDoDA	80.0		10 - 150

Lab Sample ID: 460-307808-1 MS

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	5.54	J	74.6	85.94		ng/L		108	58 - 148
Perfluoropentanoic acid (PFPeA)	17.3		37.3	57.62		ng/L		108	54 - 152
Perfluorohexanoic acid (PFHxA)	12.0		18.6	32.63		ng/L		110	55 - 152
Perfluoroheptanoic acid (PFHpA)	6.31		18.6	26.01		ng/L		106	54 - 154
Perfluorooctanoic acid (PFOA)	20.3		18.6	35.51		ng/L		81	52 - 161
Perfluorononanoic acid (PFNA)	4.68		18.6	26.68		ng/L		118	59 - 149
Perfluorodecanoic acid (PFDA)	2.05		18.6	21.08		ng/L		102	52 - 147

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 460-307808-1 MS

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluoroundecanoic acid (PFUnA)	1.44	U	18.6	17.62		ng/L		94	48 - 159
Perfluorododecanoic acid (PFDoA)	1.44	U	18.6	17.08		ng/L		92	64 - 142
Perfluorotridecanoic acid (PFTrDA)	1.44	U	18.6	18.71		ng/L		100	49 - 148
Perfluorotetradecanoic acid (PFTeDA)	1.44	U	18.6	21.36		ng/L		115	47 - 161
Perfluorobutanesulfonic acid (PFBS)	1.09	J	16.5	18.86		ng/L		108	62 - 144
Perfluoropentanesulfonic acid (PFPeS)	1.44	U	17.5	18.26		ng/L		104	59 - 151
Perfluorohexanesulfonic acid (PFHxS)	1.44	U	17.0	17.75		ng/L		105	57 - 146
Perfluoroheptanesulfonic acid (PFHpS)	1.44	U	17.8	19.17		ng/L		108	55 - 152
Perfluorooctanesulfonic acid (PFOS)	10.5		17.3	28.74		ng/L		106	58 - 149
Perfluorononanesulfonic acid (PFNS)	1.44	U	17.9	18.09		ng/L		101	52 - 148
Perfluorododecanesulfonic acid (PFDoS)	1.44	U	18.0	16.03		ng/L		89	36 - 145
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.74	U	69.7	75.16		ng/L		108	67 - 146
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.74	U	70.7	81.02		ng/L		115	61 - 151
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.74	U	71.4	69.09		ng/L		97	63 - 152
Perfluorooctanesulfonamide (PFOSA)	1.44	U	18.6	20.49		ng/L		110	61 - 148
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.44	U	18.6	21.22		ng/L		114	63 - 145
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.44	U	18.6	20.87		ng/L		112	65 - 139
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.44	U	18.6	17.77		ng/L		95	58 - 144
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.44	U	18.6	19.58		ng/L		105	59 - 146
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	14.4	U	186	199.5		ng/L		107	71 - 136
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	14.4	U	186	202.0		ng/L		108	69 - 137
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	5.74	U	74.6	81.82		ng/L		110	63 - 144
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	5.74	U	70.3	75.09		ng/L		107	68 - 146
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.87	U	37.3	40.60		ng/L		109	55 - 148
Nonfluoro-3,6-dioxahexanoic acid (NFDHA)	2.87	U	37.3	38.08		ng/L		102	48 - 161
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	5.74	U	69.5	75.42		ng/L		109	56 - 156
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	5.74	U	70.3	67.90		ng/L		97	46 - 156
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.87	U	33.2	35.09		ng/L		106	56 - 151

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QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 460-307808-1 MS

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.18	U	93.2	99.16		ng/L		106	62 - 129
3-Perfluoropentylpropanoic acid (5:3 FTCA)	35.9	U	466	527.5		ng/L		113	63 - 134
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	35.9	U	466	473.8		ng/L		102	50 - 138
Perfluorodecanesulfonic acid (PFDS)	1.44	U	18.0	17.42		ng/L		97	51 - 147
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.87	U	37.3	39.56		ng/L		106	51 - 145

Isotope Dilution	MS %Recovery	MS Qualifier	Limits
13C4 PFBA	105		10 - 130
13C5 PFPeA	91.5		35 - 150
13C5 PFHxA	92.0		55 - 150
13C4 PFHpA	95.6		55 - 150
13C8 PFOA	95.2		60 - 140
13C9 PFNA	86.7		55 - 140
13C6 PFDA	97.9		50 - 140
13C7 PFUnA	98.1		30 - 140
13C2 PFTeDA	77.0		10 - 130
13C3 PFBS	82.9		55 - 150
13C3 PFHxS	88.3		55 - 150
13C8 PFOS	91.4		45 - 140
13C8 FOSA	88.1		30 - 130
d3-NMeFOSAA	87.2		45 - 200
d5-NEtFOSAA	127		10 - 200
M2-4:2 FTS	81.5		60 - 200
M2-6:2 FTS	75.4		60 - 200
M2-8:2 FTS	82.6		50 - 200
13C3 HFPO-DA	92.0		25 - 160
d7-N-MeFOSE-M	86.3		10 - 150
d9-N-EtFOSE-M	77.1		10 - 150
d5-NEtPFOSA	68.0		10 - 130
d3-NMePFOSA	73.5		15 - 130
13C2-PFDoDA	89.2		10 - 150

Lab Sample ID: 460-307808-1 MSD

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	5.54	J	75.2	86.39		ng/L		107	58 - 148	1	30
Perfluoropentanoic acid (PFPeA)	17.3		37.6	60.02		ng/L		114	54 - 152	4	30
Perfluorohexanoic acid (PFHxA)	12.0		18.8	31.96		ng/L		106	55 - 152	2	30
Perfluoroheptanoic acid (PFHpA)	6.31		18.8	25.54		ng/L		102	54 - 154	2	30
Perfluorooctanoic acid (PFOA)	20.3		18.8	36.77		ng/L		87	52 - 161	3	30
Perfluorononanoic acid (PFNA)	4.68		18.8	24.41		ng/L		105	59 - 149	9	30
Perfluorodecanoic acid (PFDA)	2.05		18.8	22.37		ng/L		108	52 - 147	6	30

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 460-307808-1 MSD

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)	1.44	U	18.8	20.70		ng/L		110	48 - 159	16	30
Perfluorododecanoic acid (PFDoA)	1.44	U	18.8	18.09		ng/L		96	64 - 142	6	30
Perfluorotridecanoic acid (PFTrDA)	1.44	U	18.8	18.31		ng/L		97	49 - 148	2	30
Perfluorotetradecanoic acid (PFTeDA)	1.44	U	18.8	20.94		ng/L		111	47 - 161	2	30
Perfluorobutanesulfonic acid (PFBS)	1.09	J	16.6	19.19		ng/L		109	62 - 144	2	30
Perfluoropentanesulfonic acid (PFPeS)	1.44	U	17.6	19.70		ng/L		112	59 - 151	8	30
Perfluorohexanesulfonic acid (PFHxS)	1.44	U	17.1	18.07		ng/L		106	57 - 146	2	30
Perfluoroheptanesulfonic acid (PFHpS)	1.44	U	17.9	19.84		ng/L		111	55 - 152	3	30
Perfluorooctanesulfonic acid (PFOS)	10.5		17.4	28.00		ng/L		100	58 - 149	3	30
Perfluorononanesulfonic acid (PFNS)	1.44	U	18.1	17.97		ng/L		100	52 - 148	1	30
Perfluorododecanesulfonic acid (PFDoS)	1.44	U	18.2	15.27		ng/L		84	36 - 145	5	30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	5.74	U	70.2	82.05		ng/L		117	67 - 146	9	30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	5.74	U	71.3	77.71		ng/L		109	61 - 151	4	30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	5.74	U	72.1	70.54		ng/L		98	63 - 152	2	30
Perfluorooctanesulfonamide (PFOSA)	1.44	U	18.8	20.42		ng/L		109	61 - 148	0	30
N-methylperfluorooctane sulfonamide (NMeFOSA)	1.44	U	18.8	23.19		ng/L		123	63 - 145	9	30
N-ethylperfluorooctane sulfonamide (NEtFOSA)	1.44	U	18.8	21.98		ng/L		117	65 - 139	5	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.44	U	18.8	21.33		ng/L		113	58 - 144	18	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.44	U	18.8	20.98		ng/L		112	59 - 146	7	30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	14.4	U	188	209.4		ng/L		111	71 - 136	5	30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	14.4	U	188	216.2		ng/L		115	69 - 137	7	30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	5.74	U	75.2	82.98		ng/L		110	63 - 144	1	30
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	5.74	U	70.8	81.77		ng/L		115	68 - 146	9	30
Perfluoro-4-methoxybutanoic acid (PFMBA)	2.87	U	37.6	42.73		ng/L		114	55 - 148	5	30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	2.87	U	37.6	41.07		ng/L		109	48 - 161	8	30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	5.74	U	70.1	73.16		ng/L		104	56 - 156	3	30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	5.74	U	70.8	64.94		ng/L		92	46 - 156	4	30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)	2.87	U	33.5	36.16		ng/L		108	56 - 151	3	30

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 460-307808-1 MSD

Matrix: Water

Analysis Batch: 620751

Client Sample ID: MW-11N_071724

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
3-Perfluoropropylpropanoic acid (3:3 FTCA)	7.18	U	94.0	106.0		ng/L		113	62 - 129	7	30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	35.9	U	470	536.5		ng/L		114	63 - 134	2	30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	35.9	U	470	471.8		ng/L		100	50 - 138	0	30
Perfluorodecanesulfonic acid (PFDS)	1.44	U	18.1	17.10		ng/L		94	51 - 147	2	30
Perfluoro-3-methoxypropanoic acid (PFMPA)	2.87	U	37.6	41.98		ng/L		112	51 - 145	6	30

Isotope Dilution	MSD %Recovery	MSD Qualifier	MSD Limits
13C4 PFBA	107		10 - 130
13C5 PFPeA	90.8		35 - 150
13C5 PFHxA	93.8		55 - 150
13C4 PFHpA	93.9		55 - 150
13C8 PFOA	96.1		60 - 140
13C9 PFNA	88.7		55 - 140
13C6 PFDA	90.8		50 - 140
13C7 PFUnA	81.7		30 - 140
13C2 PFTeDA	69.3		10 - 130
13C3 PFBS	94.3		55 - 150
13C3 PFHxS	94.5		55 - 150
13C8 PFOS	92.4		45 - 140
13C8 FOSA	89.4		30 - 130
d3-NMeFOSAA	75.5		45 - 200
d5-NEtFOSAA	125		10 - 200
M2-4:2 FTS	82.1		60 - 200
M2-6:2 FTS	91.4		60 - 200
M2-8:2 FTS	88.1		50 - 200
13C3 HFPO-DA	92.8		25 - 160
d7-N-MeFOSE-M	86.4		10 - 150
d9-N-EtFOSE-M	74.1		10 - 150
d5-NEtPFOSA	64.1		10 - 130
d3-NMePFOSA	63.9		15 - 130
13C2-PFDoDA	80.9		10 - 150

Lab Sample ID: 240-208110-B-5-A DU

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)			15.2	U	ng/L			30
Perfluoropentanoic acid (PFPeA)			7.58	U	ng/L			30
Perfluorohexanoic acid (PFHxA)			3.79	U	ng/L			30
Perfluoroheptanoic acid (PFHpA)			3.79	U	ng/L			30
Perfluorooctanoic acid (PFOA)	3.78	U	3.79	U	ng/L		NC	30
Perfluorononanoic acid (PFNA)	3.78	U	3.79	U	ng/L		NC	30
Perfluorodecanoic acid (PFDA)			3.79	U	ng/L			30

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 240-208110-B-5-A DU

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Perfluoroundecanoic acid (PFUnA)			3.79	U	ng/L			30
Perfluorododecanoic acid (PFDoA)			3.79	U	ng/L			30
Perfluorotridecanoic acid (PFTrDA)			3.79	U	ng/L			30
Perfluorotetradecanoic acid (PFTeDA)			3.79	U	ng/L			30
Perfluorobutanesulfonic acid (PFBS)	4.44		4.404		ng/L		0.9	30
Perfluoropentanesulfonic acid (PFPeS)			3.894		ng/L			30
Perfluorohexanesulfonic acid (PFHxS)	19.0		18.27		ng/L		4	30
Perfluoroheptanesulfonic acid (PFHpS)			3.79	U	ng/L			30
Perfluorooctanesulfonic acid (PFOS)	4.76		5.729		ng/L		19	30
Perfluorononanesulfonic acid (PFNS)			3.79	U	ng/L			30
Perfluorododecanesulfonic acid (PFDoS)			3.79	U	ng/L			30
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)			15.2	U	ng/L			30
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)			15.2	U	ng/L			30
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)			15.2	U	ng/L			30
Perfluorooctanesulfonamide (PFOSA)			3.79	U	ng/L			30
N-methylperfluorooctane sulfonamide (NMeFOSA)			3.79	U	ng/L			30
N-ethylperfluorooctane sulfonamide (NEtFOSA)			3.79	U	ng/L			30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)			3.79	U	ng/L			30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)			3.79	U	ng/L			30
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)			37.9	U	ng/L			30
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)			37.9	U	ng/L			30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	15.1	U	15.2	U	ng/L		NC	30
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)			15.2	U	ng/L			30
Perfluoro-4-methoxybutanoic acid (PFMBA)			7.58	U	ng/L			30
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)			7.58	U	ng/L			30
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid			15.2	U	ng/L			30
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid			15.2	U	ng/L			30
Perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)			7.58	U	ng/L			30

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method: 1633 - Per- and Polyfluoroalkyl Substances by LC/MS/MS (Continued)

Lab Sample ID: 240-208110-B-5-A DU

Matrix: Water

Analysis Batch: 620751

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 620657

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
3-Perfluoropropylpropanoic acid (3:3 FTCA)	18.9	U			ng/L			30
3-Perfluoropentylpropanoic acid (5:3 FTCA)	94.7	U			ng/L			30
3-Perfluoroheptylpropanoic acid (7:3 FTCA)	94.7	U			ng/L			30
Perfluorodecanesulfonic acid (PFDS)	3.79	U			ng/L			30
Perfluoro-3-methoxypropanoic acid (PFMPA)	7.58	U			ng/L			30

Isotope Dilution	%Recovery	DU Qualifier	Limits
13C4 PFBA	102		10 - 130
13C5 PFPeA	92.9		35 - 150
13C5 PFHxA	95.9		55 - 150
13C4 PFHpA	93.3		55 - 150
13C8 PFOA	100		60 - 140
13C9 PFNA	92.3		55 - 140
13C6 PFDA	100		50 - 140
13C7 PFUnA	87.2		30 - 140
13C2 PFTeDA	80.6		10 - 130
13C3 PFBS	88.2		55 - 150
13C3 PFHxS	92.0		55 - 150
13C8 PFOS	95.4		45 - 140
13C8 FOSA	94.9		30 - 130
d3-NMeFOSAA	87.4		45 - 200
d5-NEtFOSAA	139		10 - 200
M2-4:2 FTS	83.2		60 - 200
M2-6:2 FTS	87.3		60 - 200
M2-8:2 FTS	83.9		50 - 200
13C3 HFPO-DA	94.4		25 - 160
d7-N-MeFOSE-M	99.5		10 - 150
d9-N-EtFOSE-M	98.9		10 - 150
d5-NEtPFOSA	75.5		10 - 130
d3-NMePFOSA	76.6		15 - 130
13C2-PFDoDA	85.4		10 - 150

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

LCMS

Prep Batch: 620657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-307808-1	MW-11N_071724	Total/NA	Water	1633	
460-307808-2	MW-2_071724	Total/NA	Water	1633	
460-307808-3	DUP_071724	Total/NA	Water	1633	
460-307808-4	WCF-1D_071724	Total/NA	Water	1633	
460-307808-5	WCF-3S_071724	Total/NA	Water	1633	
460-307808-6	WCF-3D_071724	Total/NA	Water	1633	
MB 240-620657/1-A	Method Blank	Total/NA	Water	1633	
LCS 240-620657/3-A	Lab Control Sample	Total/NA	Water	1633	
LLCS 240-620657/2-A	Lab Control Sample	Total/NA	Water	1633	
460-307808-1 MS	MW-11N_071724	Total/NA	Water	1633	
460-307808-1 MSD	MW-11N_071724	Total/NA	Water	1633	
240-208110-B-5-A DU	Duplicate	Total/NA	Water	1633	

Analysis Batch: 620751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-307808-1	MW-11N_071724	Total/NA	Water	1633	620657
460-307808-2	MW-2_071724	Total/NA	Water	1633	620657
460-307808-3	DUP_071724	Total/NA	Water	1633	620657
460-307808-4	WCF-1D_071724	Total/NA	Water	1633	620657
460-307808-5	WCF-3S_071724	Total/NA	Water	1633	620657
460-307808-6	WCF-3D_071724	Total/NA	Water	1633	620657
MB 240-620657/1-A	Method Blank	Total/NA	Water	1633	620657
LCS 240-620657/3-A	Lab Control Sample	Total/NA	Water	1633	620657
LLCS 240-620657/2-A	Lab Control Sample	Total/NA	Water	1633	620657
460-307808-1 MS	MW-11N_071724	Total/NA	Water	1633	620657
460-307808-1 MSD	MW-11N_071724	Total/NA	Water	1633	620657
240-208110-B-5-A DU	Duplicate	Total/NA	Water	1633	620657

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Client Sample ID: MW-11N_071724

Lab Sample ID: 460-307808-1

Date Collected: 07/17/24 11:20

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 16:52

Client Sample ID: MW-2_071724

Lab Sample ID: 460-307808-2

Date Collected: 07/17/24 12:15

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 17:32

Client Sample ID: DUP_071724

Lab Sample ID: 460-307808-3

Date Collected: 07/17/24 12:20

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 17:46

Client Sample ID: WCF-1D_071724

Lab Sample ID: 460-307808-4

Date Collected: 07/17/24 13:00

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 18:00

Client Sample ID: WCF-3S_071724

Lab Sample ID: 460-307808-5

Date Collected: 07/17/24 14:00

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 18:13

Client Sample ID: WCF-3D_071724

Lab Sample ID: 460-307808-6

Date Collected: 07/17/24 14:35

Matrix: Water

Date Received: 07/17/24 20:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	1633			620657	WJW	EET CLE	07/22/24 08:49
Total/NA	Analysis	1633		1	620751	MRL	EET CLE	07/22/24 18:27

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Eurofins Edison

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2927	02-28-25
Georgia	State	4062	02-27-25
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kentucky (UST)	State	112225	02-27-25
Kentucky (WW)	State	KY98016	12-30-24
Minnesota	NELAP	039-999-348	12-31-24
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	04-02-25
Ohio VAP	State	ORELAP 4062	02-27-25
Oregon	NELAP	4062	02-28-25
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-24
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-24
West Virginia DEP	State	210	12-31-24

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Method	Method Description	Protocol	Laboratory
1633	Per- and Polyfluoroalkyl Substances by LC/MS/MS	EPA	EET CLE
1633	Solid-Phase Extraction (SPE)	EPA	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-307808-1	MW-11N_071724	Water	07/17/24 11:20	07/17/24 20:45
460-307808-2	MW-2_071724	Water	07/17/24 12:15	07/17/24 20:45
460-307808-3	DUP_071724	Water	07/17/24 12:20	07/17/24 20:45
460-307808-4	WCF-1D_071724	Water	07/17/24 13:00	07/17/24 20:45
460-307808-5	WCF-3S_071724	Water	07/17/24 14:00	07/17/24 20:45
460-307808-6	WCF-3D_071724	Water	07/17/24 14:35	07/17/24 20:45

Chain of Custody Record

Address: 209 Shaftly St
 151andia, NY
 11749

NY

674468



Environment Testing
 America

Regulatory Program ☐ DW ☐ NPDES ☐ RCRA ☒ Other: DEC

TAL-8210

Client Contact		Project Manager: <u>fenwick</u>		Site Contact: <u>fenwick</u>		Date: <u>7/17/24</u>		COC No: _____ of _____ COCs	
Company Name: <u>BOUX</u>		Tel/Email: <u>fenwick@rouxinc.com</u>		Lab Contact: _____		Carrier: _____		Sampler: _____	
Address: <u>209 Shaftly St</u>		City/State/Zip: <u>151andia, NY 11749</u>		Phone: <u>(631) 232-2600</u>		Fax: _____		For Lab Use Only	
Project Name: <u>WATCHCASE</u>		Site: <u>151andia, NY</u>		PO# <u>2802 0004000</u>		Analysis Turnaround Time		Walk-in Client: _____	
						TAT if different from Below		Lab Sampling: _____	
						☐ 2 weeks ☒ 1 week ☐ 2 days ☐ 1 day		Job / SDG No. <u>307808</u>	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes:
MW-11N-071724	7/17/24	11:20	G	GN	9	N	N	N	MS / MSD
MW-2-071724	7/17/24	12:15	G	GN	3	N	N	N	-2
DUP-071724	7/17/24	12:20	G	GN	3	N	N	N	-3
NCF-10-071724	7/17/24	13:00	G	GN	3	N	N	N	-4
NCF-35-071724	7/17/24	14:00	G	GN	3	N	N	N	-5
NCF-30-071724	7/17/24	14:35	G	GN	3	N	N	N	-6
FB-071724	7/17/24	14:15	N/A	GN	3	N	N	N	-7
							wait for email sent to EMO		

460-307808 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:

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Company	Received by:	Date/Time:	Received in Laboratory by:	Date/Time:	Received by:	Date/Time:	Received in Laboratory by:	Date/Time:
		fenwick	MAK	7/17/24	fenwick	7/17/24	fenwick	7/17/24	fenwick	7/17/24

notes re #19

1.3 / 117 °C

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Eurofins Edison

777 New Durham Road

Edison, NJ 08817

Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

100/0-9

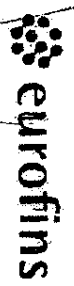


Environment Testing

Client Information (Sub Contract Lab)		Sampler		Lab PM: Haas, Melissa		Carrier Tracking No(s):		COC No: 460-71728.1			
Client Contact: Shipping/Receiving		Phone:		E-Mail: Melissa.Haas@et.eurofinsus.com		State of Origin: New York		Page: Page 1 of 1			
Company: Eurofins Environment Testing North Centr				Accreditations Required (See note): NELAP New York				Job #: 460-307808-1			
Address: 180 S. Van Buren Avenue,		Due Date Requested: 7/26/2024		Analysis Requested						Preservation Codes:	
City: Barberton		TAT Requested (days):									
State, Zip: OH, 44203											
Phone: 330-497-9396(Tel) 330-497-0772(Fax)		PO #:									
Email:		WO #:									
Project Name: Watchcase - Sag Harbor		Project #: 46044051									
Site:		SSOW#:									
Sample Identification - Client ID (Lab ID)		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	1633/1633_SPE 1633 Standard List of 40	1633_DRAFT_TSS	Total Number of Containers	Other:
											Special Instructions/Note:
MW-11N_071724 (460-307808-1)		7/17/24	11:20 Eastern		Water			X	X		
MW-11N_071724 (460-307808-1MS)		7/17/24	11:20 Eastern	MS	Water			X	X		
MW-11N_071724 (460-307808-1MSD)		7/17/24	11:20 Eastern	MSD	Water			X	X		
MW-2_071724 (460-307808-2)		7/17/24	12:15 Eastern		Water			X	X		
DUP_071724 (460-307808-3)		7/17/24	12:20 Eastern		Water			X	X		
WCF-1D_071724 (460-307808-4)		7/17/24	13:00 Eastern		Water			X	X		
WCF-3S_071724 (460-307808-5)		7/17/24	14:00 Eastern		Water			X	X		
WCF-3D_071724 (460-307808-6)		7/17/24	14:35 Eastern		Water			X	X		
FB_071724 (460-307808-7)		7/17/24	14:15 Eastern		Water			X			
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC.											
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)					
Unconfirmed						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months					
Deliverable Requested: I, II, III IV Other (specify)						Primary Deliverable Rank: 1					
						Special Instructions/QC Requirements.					
Empty Kit Relinquished by:				Date:		Time:		Method of Shipment:			
Relinquished by:		Date/Time: 7/18/24 1900		Company: EETEL		Received by: JMOZOSKO		Date/Time: 7/19/24 1000		Company: EETNC	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:	
Custody Seals Intact: Δ Yes Δ No		Custody Seal No.				Cooler Temperature(s) °C and Other Remarks:					

Eurofins - Cleveland Sample Receipt Form/Narrative		Login # : _____
Barberton Facility		
Client <u>Eurofins Edison</u>	Site Name _____	Cooler unpacked by <u>JMOROSKO</u>
Cooler Received on <u>7/19/24</u>	Opened on <u>7/19/24</u>	
FedEx 1 st Grd <u>Exp</u> UPS FAS Waypoint Client Drop Off Eurofins Courier Other _____		
Receipt After-hours Drop-off Date/Time _____	Storage Location _____	
Eurofins Cooler # <u>EC</u>	Foam Box Client Cooler Box Other _____	
Packing material used. Bubble <u>Wrap</u> Foam Plastic Bag None Other _____		
COOLANT: Wet <u>Ice</u> Blue Ice Dry Ice Water None _____		
1 Cooler temperature upon receipt ☐ See Multiple Cooler Form		
IR GUN # <u>22</u> (CF <u>-0</u> _____ °C) Observed Cooler Temp. <u>10</u> °C Corrected Cooler Temp <u>0.9</u> °C		
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>	☒ Yes ☐ No ☐ NA	Tests that are not checked for pH by Receiving. VOAs Oil and Grease TOC
-Were the seals on the outside of the cooler(s) signed & dated?	☒ Yes ☐ No ☐ NA	
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	☒ Yes ☐ No ☐ NA	
-Were tamper/custody seals intact and uncompromised?	☒ Yes ☐ No ☐ NA	
3 Shippers' packing slip attached to the cooler(s)?	☒ Yes ☐ No ☐ NA	
4 Did custody papers accompany the sample(s)?	☒ Yes ☐ No ☐ NA	
5 Were the custody papers relinquished & signed in the appropriate place?	☒ Yes ☐ No ☐ NA	
6. Was/were the person(s) who collected the samples clearly identified on the COC?	☒ Yes ☐ No ☐ NA	
7 Did all bottles arrive in good condition (Unbroken)?	☒ Yes ☐ No ☐ NA	
8 Could all bottle labels (ID/Date/Time) be reconciled with the COC?	☒ Yes ☐ No ☐ NA	
9 For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	☒ Yes ☐ No ☐ NA	
10 Were correct bottle(s) used for the test(s) indicated?	☒ Yes ☐ No ☐ NA	
11 Sufficient quantity received to perform indicated analyses?	☒ Yes ☐ No ☐ NA	
12. Are these work share samples and all listed on the COC?	☒ Yes ☐ No ☐ NA	
If yes, Questions 13-17 have been checked at the originating laboratory		
13 Were all preserved sample(s) at the correct pH upon receipt?	☒ Yes ☐ No ☐ NA	pH Strip Lot# HC442471
14. Were VOAs on the COC?	☒ Yes ☐ No ☐ NA	
15 Were air bubbles > 6 mm in any VOA vials? 	☒ Yes ☐ No ☐ NA	Larger than this.
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____	☒ Yes ☐ No ☐ NA	
17 Was a LL Hg or Me Hg trip blank present? 	☒ Yes ☐ No ☐ NA	
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____		
Concerning _____		
18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page		Samples processed by: _____
19 SAMPLE CONDITION		
Sample(s) _____	_____ were received after the recommended holding time had expired	
Sample(s) _____	_____ were received in a broken container	
Sample(s) _____	_____ were received with bubble > 6 mm in diameter (Notify PM)	
20. SAMPLE PRESERVATION		
Sample(s) _____	_____ were further preserved in the laboratory	
Time preserved. _____ Preservative(s) added/Lot number(s). _____		
VOA Sample Preservation - Date/Time VOAs Frozen. _____		

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Environment Testing
TestAmerica

Part # 159469-434 MTW EXP 09/24 •

ORIGIN 104LDJH (732) 543-3900
DIAZ WINTER
EUROFINS EDISON
777 NEW PORKH ROAD
EDISON, NJ 08817
UNITED STATES US

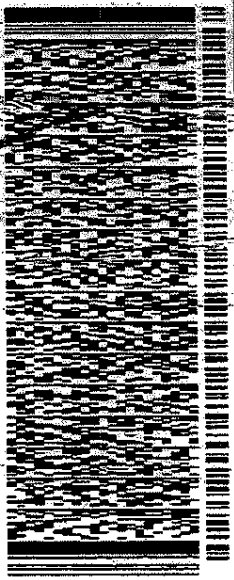
SHIP DATE: 18 JUL 24
ACTWT 45.05 LB
CNO 0613092/CNE3808

BILL SENDER

TO SHIPPING/RECEIVING
EUROFINS ENVIRONMENT TESTING NORTH
180 S. VAN EUREN AVENUE

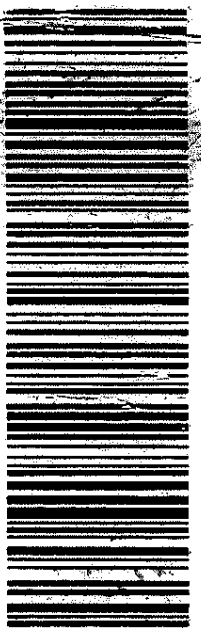
BARBERTON OH 44203
REF 9450-184184

(360) 457-5936
POC: TEB



TRK# 6553 1012 6049
0201
FRI - 19 JUL 10:30A
PRIORITY OVERNIGHT

NX CAKA
44203
OH-US CLE



RT 164
10.30
FZ
6049
0719
A

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-307808-1

Login Number: 307808

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ 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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

DUSRs for SSDS Effluent and Groundwater Results

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

February 23, 2025

Rachel Fenwick
Roux Environmental Engineering and Geology, D. P. C.
209 Shafter St.
Islandia, NY 11747

RE: Watchcase Factory Condominiums
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Eurofins TestAmerica SDG Nos. 460-307808-1 and 200-74410-1

Dear Ms. Fenwick:

Review has been completed for the data package generated by Eurofins TestAmerica that pertains to samples collected 07/17/24 at the Watchcase Factory Condominium site. Five aqueous samples and a field duplicate were processed for per- and polyfluoroalkyl substances (PFAS) by USEPA SW846 method 1633. Three 6L summa canisters were processed for volatile analytes by USEPA method TO-15.

The data packages submitted by the laboratory contain full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation/Sample Receipt
- * Holding Times
- * Isotopic Dilution and Internal Standard Recoveries
- * Canister and Preparation Blanks
- * Matrix Spike Recoveries/Duplicate Correlations
- * Blind Field Duplicate Correlations
- * Laboratory Control Sample (LCS)
- * Initial and Continuing Calibration Standards
- * Method Compliance
- * Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the aqueous samples are usable as reported. Results for two of the air samples are heavily qualified due to associated flow controller malfunctions; results for analytes that show no detection in one of those samples are rejected for that reason.

Accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable. Data completeness is impacted by the unusable data for thirty seven analytes in one of the air samples.

The client sample identifications and validation data qualifier definitions are attached to this text. Also included in this report is the client/laboratory EDD, edited to reflect the qualifications recommended in this report.

Chain-of-Custody/Sample Receipt

An interim relinquish entry was not present on the custody form associated with the aqueous samples.

Blind Field Duplicate

The blind field duplicate evaluation was performed for PFAS on location MW-2_071724 and shows correlations within validation guidelines.

PFAS by EPA Method 1633

The matrix spikes of MW-11N_071724 show recoveries and correlations within validation guidelines. LCS recoveries are within required acceptance ranges.

Isotopic dilution and internal standard recoveries are compliant with protocol requirements. Calibration standard responses are within validation action guidelines. Blanks show no contamination.

Volatile Analyses by EPA TO-15

Factory-Eff1_071724 and Factory-Eff2_071724 show excessive residual vacuum, and following sample laboratory receipt, the associated flow controllers showed significant outlying reduction in flow rate. The canister pressure for Factory-Eff2_071724 when received at the laboratory was -22"Hg, and therefore the results for analytes not detected in the sample are rejected and not usable. Results for detected analytes in that sample, and for all analytes in Factory-Eff1_071724, are qualified as estimated, with a low bias.

Holding times were met, internal standard responses are compliant, and instrument tunes meet fragmentation requirements. Method and canister blanks show no contamination.

The laboratory duplicate correlations for sample Factory-Eff-2_071724 are within validation guidelines. LCSs show compliant recoveries.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses were compliant.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

A handwritten signature in cursive script that reads "Judy Harry".

Judy Harry

Attachments: Validation Data Qualifier Definitions
 Sample Identifications
 Qualified EQUIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 460-307808-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-307808-1	MW-11N_071724	Water	07/17/24 11:20	07/17/24 20:45
460-307808-2	MW-2_071724	Water	07/17/24 12:15	07/17/24 20:45
460-307808-3	DUP_071724	Water	07/17/24 12:20	07/17/24 20:45
460-307808-4	WCF-10_071724	Water	07/17/24 13:00	07/17/24 20:45
460-307808-5	WCF-3S_071724	Water	07/17/24 14:00	07/17/24 20:45
460-307808-6	WCF-3D_071724	Water	07/17/24 14:35	07/17/24 20:45

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Watchcase – Sag Harbor

Job ID: 200-74410-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
200-74410-1	GARAGE-EFF_071724	Air	07/17/24 12:00	07/19/24 11:15	Air Canister (6-Liter) #2778
200-74410-2	FACTORY-EFF1_071724	Air	07/17/24 15:15	07/19/24 11:15	Air Canister (6-Liter) #4234
200-74410-3	FACTORY-EFF2_071724	Air	07/17/24 15:20	07/19/24 11:15	Air Canister (6-Liter) #3565

Periodic Review Report
The Bulova Watch Factory
15 Church Street, Sag Harbor, New York

APPENDIX E

Annual Inspection Form

SITE MONITORING, INSPECTION AND MAINTENANCE LOG

PROJECT: Waikanae Factory Condominiums

DATE: 11-67-24

Location: Sag Harbor, NY

PERSONNEL: M. Satri

Roux Project No.: 2802 0001Y000

General Inspection Requirements

Yes No

- ☐ ☒ Trespassing/vandalism/dumping noted?
- ☐ ☒ Perimeter fencing or gates require repair?
- ☐ ☒ Other conditions observed? If yes, refer to Corrective Actions for additional clarification.

Inspection of Soil Cover System

Yes No

- ☐ ☒ Significant bare spots observed in landscaped areas?
- ☐ ☒ Significant cracks observed in paved areas?
- ☐ ☒ Other conditions observed? If yes, refer to Corrective Actions for additional clarification.

Inspection of SSDS Piping

Yes No

- ☐ ☒ Significant cracks/damage observed in above ground piping?
- ☐ ☒ Other conditions observed? If yes, refer to Corrective Actions for additional clarification.

Inspection of SSDS Monitoring Points

Yes No

- ☒ ☐ Locking cover and plug intact and locked?
- ☒ ☐ Monitoring point tubing in good condition?
- ☐ ☒ Other conditions observed? If yes, refer to Corrective Actions for additional clarification.

SITE MONITORING, INSPECTION AND MAINTENANCE LOG

PROJECT: Wetstone Factory Condominiums
 Location: Bag Harbor, NY
 Rouse Project No.: 2802.00011000

DATE: 11-07-24
 PERSONNEL: My. Sami

Additional Comments or Clarification Where Corrective Actions May Be Required:

Replaced All gauges on All Three
 Blowers onsite

total: 3 pressure gauges
 6 vacuum gauges

- All gauges in working condition

Periodic Review Report
The Bulova Watch Factory
15 Church Street, Sag Harbor, New York

APPENDIX F

Photo Log



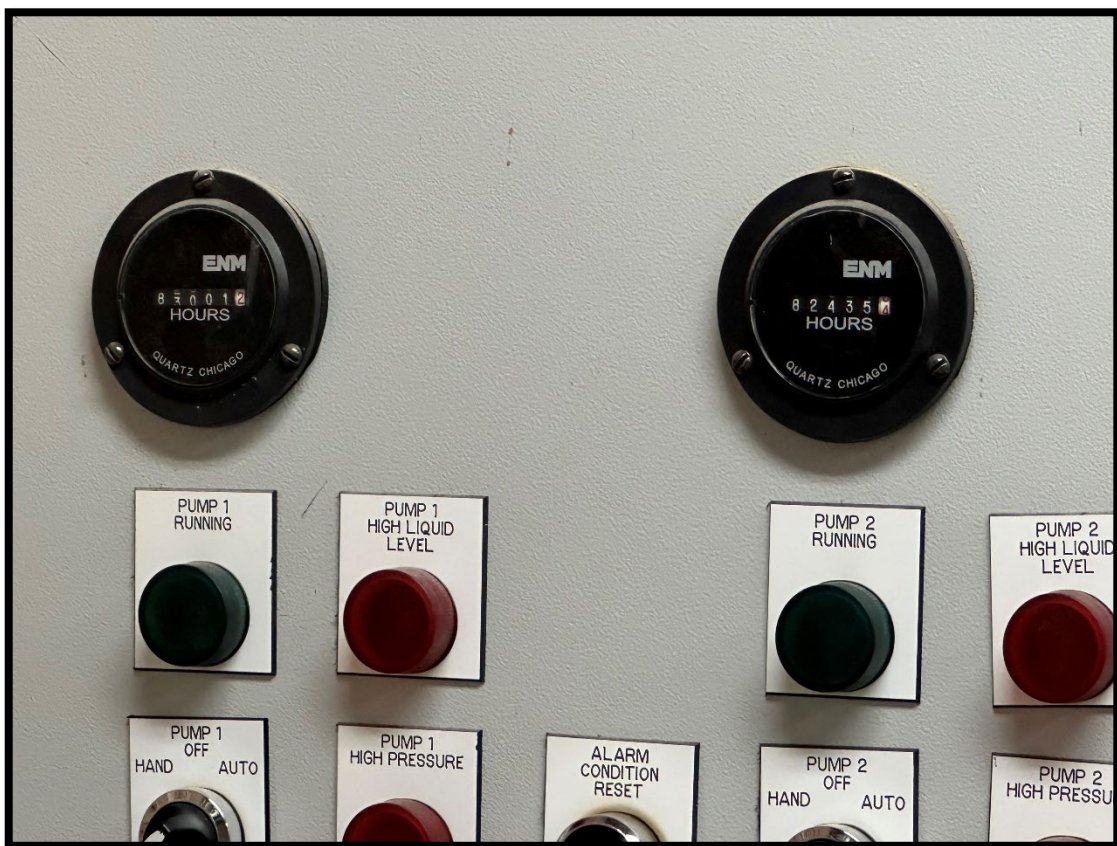
Photograph 1: View of monitoring wells (WCF-3S, WCF-3D) location and protective cover located adjacent to off-site parking lot.



Photograph 2: View of meter readings for Zone 1 to Zone 5 monitoring points.



Photograph 3: Photo of active Factory SSDS Blower control panel.



Photograph 4: Photo of active Factory SSDS Blower control panel runtime readings.



Photograph 5: View of two (2) SSDS Blower configurations with inlet filters, knock out tank, and control panel in view.



Photograph 6: View of MP 1-2 during vacuum monitoring.



Photograph 7: View of field vacuum monitoring performed for MP 5-2.



Photograph 8: View of field vacuum monitoring performed at MP 2-2.



Photograph 9: View of effluent soil vapor sampling activities at garage SSDS Blower sampling port.



Photograph 10: Photo of effluent soil vapor sample pressure readings for Garage SSDS.



Photograph 11: View of garage SSDS Blower control panel and monitoring point meters in operation.



Photograph 12: View of MP 6-2 undergoing field pressure test.



Photograph 13: View of groundwater sampling at activities at MW-2.



Photograph 14: View during groundwater sampling activities at WCF-10.



Photograph 15: View during groundwater sampling activities at WCF-3S and WCF-3D.



Photograph 16: Photo of staged drum onsite containing purge water from groundwater sampling work; prior to off-site disposal..



Photograph 17: Photo of Site access way from Church St., facing east.



Photograph 18: Photo along the Site perimeter on Church St., facing north.



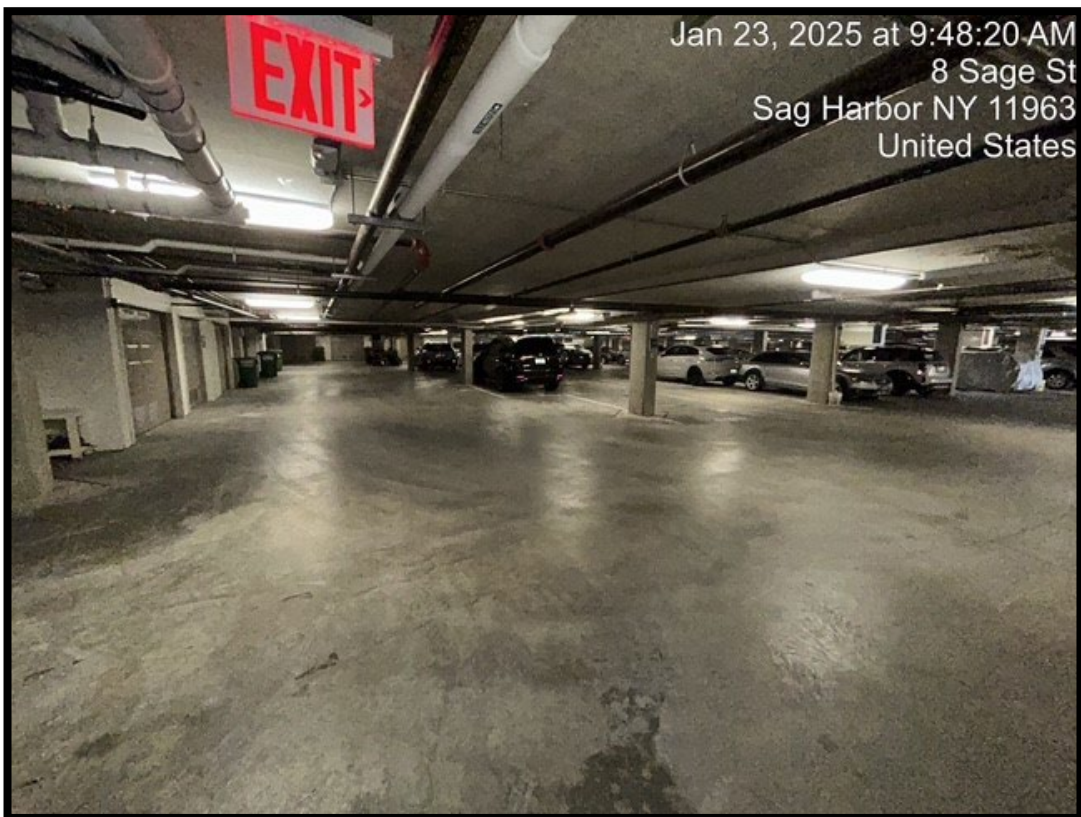
Photograph 19: Photo of garage SSDS Blower overall unit system equipped with inlet filter, knockout tank, monitoring point meters.



Photograph 20: View of southern asphalt ramp accessway for the Site.



Photograph 21: Photo of the Site's present residential complex interior lobby.



Photograph 22: View of cellar parking garage. All visible foundation elements were inspected.



Photograph 23: Photo of maintenance room hallway during Site walk activities



Photograph 24: View of asphalt ramp leading to cellar garage.