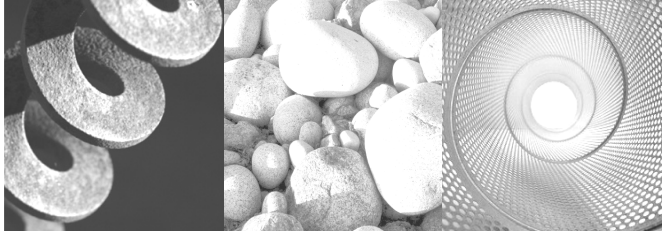

GEI Consultants

Consulting
Engineers and
Scientists

Periodic Review Report
June 5, 2017 to September 5, 2022

Glenwood Landing
Former Gas Plant Site

Glenwood Landing, Nassau County, New York
NYSDEC Site ID# V00351

Submitted to:
National Grid
175 East Old Country Road
Hicksville, NY 11801

Submitted by:
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December 2022
Project 1905774-11.2

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Abbreviations, Acronyms, and Measurements

CAMP	Community Air Monitoring Plan
DER	Division of Environmental Remediation
EC	Engineering Control
EWP	Excavation Work Plan
F&N	Fenley & Nicol
GEI	GEI Consultants, Inc., P. C.
HASP	Health and Safety Plan
IC	Institutional Control
IRM	Interim Remedial Measure
LILCO	Long Island Lighting Company
LIPA	Long Island Power Authority
MEG	Miller Environmental Group
MGP	Manufactured Gas Plant
µg/L	Micrograms per liter
NOIA	Notice of Intrusive Activity
NYSDEC	New York State Department of Environmental Protection
NYSDOH	New York State Department of Health
NYPA	New York Power Authority
PAH	Polycyclic Aromatic Hydrocarbon
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
PRR	Periodic Review Report
PSEG-LI	Public Service Enterprise Group – Long Island
SC	Site Characterization
SMP	Site Management Plan
SVOC	Semi-volatile Organic Compound
TAL	Target Analyte List
VCA	Voluntary Cleanup Agreement
VOC	Volatile Organic Compound

Periodic Review Report Certification Statement

I, Jeffrey Parillo, certify that I am currently a New York State registered professional engineer and that this Periodic Review Report and all attachments were prepared under my direction. 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 that the information presented is accurate and complete.

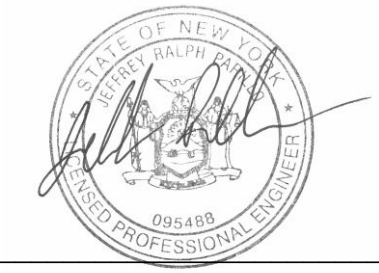
For each institutional or engineering control identified for the Site, I certify that all the following statements are true:

a) the institutional control and/or engineering control employed at this Site is unchanged from the date the control was put in place, or last approved by DER.

b) nothing has occurred that would impair the ability of such control to protect public health and the environment.

c) nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control.

d) access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control.



December 16, 2022
Date

Jeffrey Parillo, P.E.
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New York State Professional Engineer
License Number 0118801

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

Executive Summary

The former National Grid Glenwood Landing Gas Plant Site (Site No. V00351) located in Glenwood Landing, Nassau County, New York, was remediated in accordance with the New York State Department of Environmental Conservation (NYSDEC) Voluntary Cleanup Agreement (VCA) No. R1-0001-01-01, executed in March 2001. Remediation was completed in September 2002 and included excavation and off-site disposal of approximately 10,880 tons of non-hazardous contaminated soil, and demolition and removal of several on-site buildings and structures. In accordance with the VCA, a limited amount of soil contamination was left in place after completion of the remedy.

A Site Management Plan (SMP) was developed in May 2012 as required under the NYSDEC Voluntary Cleanup Program. The SMP was revised with NYSDEC approval in February 2022. The SMP documented procedures to be implemented in the monitoring and management of any residual contamination remaining at the Site. In accordance with the VCA, engineering and institutional controls were implemented at the Site as specified in the SMP. Also specified in the SMP were requirements for monitoring, performance of periodic inspections and submittal of a Periodic Review Report (PRR) in accordance with NYSDEC DER-10 "Technical Guidance for Site Investigation and Remediation" requirements. The initial PRR period was annual but was reduced to every five years following the submittal of the PRR in June 2017.

This PRR summarizes and evaluates the performance, effectiveness and protectiveness of the Engineering Controls (ECs) and Institutional Controls (ICs) established for the Site for the five-year period from June 5, 2017 through September 5, 2022. The annual institutional and engineering control inspections were performed in accordance with the requirements outlined in the SMP on the following dates:

- March 20, 2018
- March 27, 2019
- March 18, 2020
- April 27, 2021
- June 10, 2022

Based upon the results of the inspections, all institutional and engineering controls appear to remain in place as specified in the February 2022 Site Management Plan for the Site.

1. Introduction

The purpose of this PRR is to summarize and evaluate the remedies implemented at the Site relative to the requirements of the SMP dated February 2022. The Site is located on Shore Road in Glenwood Landing, Nassau County, New York (see Figure 1). The information provided in this report covers the period from June 5, 2017 to September 5, 2022; however, portions of this report incorporate pertinent historical background information and monitoring data, as appropriate.

National Grid was responsible for the site operation, monitoring, and maintenance throughout this reporting period, while all institutional and engineering controls inspection, reporting and engineering services were completed by GEI Consultants, Inc., P.C. (GEI). The objectives of this PRR include:

- Presenting relevant background information.
- Presenting a description of the site remedy, residual contamination and any associated remedial components, including applicable Institutional and Engineering Controls.
- Identifying the remedial goals established for the Site, as identified in the February 2022 SMP.
- Identifying, reviewing, and evaluating:
  - Site monitoring protocols, procedures, and documentation.
  - Condition of the remedy.
  - Compliance with the SMP.
  - Current institutional and engineering controls.
  - Remedy performance, effectiveness and protectiveness.
- Determining the frequency and type of subsequent periodic reviews; and
- Providing an institutional control and engineering control (IC/EC) certification.

1.1 Background

Prior to 1951, a hotel was operated at the Site. In 1951, the Site was developed as a natural gas reforming plant. Subsequent development included a natural gas regulating station (compressor station), laboratory, and propane storage field. The gas facilities, propane storage tank field and compressor station were eventually decommissioned and demolished. Laboratory services were also terminated and a portion of the Site was redeveloped for electric power generation.

National Grid's corporate predecessor, KeySpan Corporation, entered into a VCA with the NYSDEC that was fully executed on March 27, 2001, to investigate and remediate contaminated media at the Site. A map showing the Site location and boundaries of the Site is provided as Figure 2. Initial investigations conducted at the Site included:

- A Phase I Environmental Site Assessment (ESA) was performed by Fluor Daniel GTI, Inc. and reported in January 1999.
- A Phase II ESA was performed by Fluor Daniel GTI, Inc. and reported in May 1999.
- A Supplemental ESA was performed by IT Corporation and reported in June 1999.
- A Supplemental ESA of Area-1, including a Human Health and Ecological Risk Analysis, was performed by Vanasse Hangen Brustlin, Inc. (VHB) and reported in December 1999.
- An upgradient Shallow Groundwater Investigation was performed by VHB in March 2000 and reported in September 2001.
- A VCA Investigation was performed in two phases by VHB in November of 2000 and April of 2001 and reported in September 2001.

Subsequent to the initial investigations, the Site was remediated in accordance with the Conceptual Remedial Action Plan provided in the NYSDEC-approved Supplemental Environmental Assessment Report dated September 2001. The remedial work was documented in the Remedial Action Summary Report – Surface and Shallow Subsurface Soil, dated August 2003 and included the following Remedial Actions performed at the Site:

- Area-1A: Hot spot removal (excavation and off-site disposal) of surface soils (designated discrete areas 1A-5a through 1A-5e) with concentrations of carcinogenic polycyclic aromatic hydrocarbons (CPAHs) above the site cleanup objectives.
- Area-1B: The fill area of 1B was consolidated and covered with a clean fill cover to isolate detected levels of inorganics with concentrations above the site cleanup objectives.
- Area-2: Hot spot removal (excavation and off-site disposal) of surface and subsurface soils with concentrations of polychlorinated-biphenyls (PCBs), CPAHs, and inorganics above the site cleanup objectives was completed down to the water table.
- Area-3: Hot spot removal (excavation and off-site disposal) of surface and subsurface soils with concentrations of PCBs, CPAHs, and inorganics above the site cleanup objectives was completed down to the water table.
- Demolition and removal of four Drip Pits located on the north, south, east, and west sides of the former gas holder foundation. Contaminated soil above the site cleanup objectives was also excavated from the Drip Pit footprints.
- Demolition and removal of the holder pad, compressor building, and ancillary facilities, utilizing proper environmental controls and techniques.
- Execution and recording of a Deed Restriction to restrict land use and prevent future exposure to any contamination remaining at the Site.
- Development and implementation of an SMP for long-term management of remaining contamination as required by the Deed Restriction, which includes plans for: (1) Institutional and Engineering Controls, (2) monitoring and (3) reporting.

Remedial activities were conducted at the Site from October 2001 through January 2002 and completed in September 2002. An as-built drawing detailing the completed remedial activities and location of engineering controls is provided in Appendix A.

Additional investigations were completed following the completion of these remedial activities due to the presence of volatile organic compounds (VOCs) in groundwater at the Site, including the following:

- A Geophysical Investigation and Supplemental Environmental Sampling was performed by VHB in March 2003 and reported in October 2003.
- Upgradient Groundwater Contamination Sources Investigation Findings Report, prepared by Dvirka and Bartilucci Engineers and Architects, P.C, (D&B) in August 2006.
- Groundwater Investigation Findings Report, prepared by D&B in June 2008.
- Groundwater Modeling Report, prepared by D&B in September 2009.

The groundwater investigations and modeling report prepared by D&B demonstrated that the Site was not the source of groundwater contamination found under the Site. As a result, it was determined that the Site could be transitioned into site management.

It should be noted that, after completion of the remedial work described in the September 2001 Supplemental Environmental Site Assessment Report in accordance with the VCA, a limited amount of soil contamination was left in the subsurface at the Site, which is hereafter referred to as "remaining contamination." Provided below is a brief description of remaining contamination at the Site.

1.2 Site Location and Description

The Site is located on Shore Road in Glenwood Landing, County of Nassau, New York, and is identified as Section 21, Block F, P/O Lots 4, 9 and 1947, and Section 21, Block M, P/O Lots 35, 36, 596 and 597 on Nassau County Tax maps. The approximately 3-acre property is located on approximately 800 feet of waterfront on the east shore of Hempstead Harbor and extends east across Shore Road. The property is bounded on the south by a Mobil Oil/Storage Terminal, to the west by Hempstead Harbor, and on the north and east by the North Shore Country Club (see Figure 2).

The Site is currently classified as a Class C site, indicating that the NYSDEC has determined that remediation has been satisfactorily completed under the Voluntary Cleanup Program.

1.2.1 Remaining Contamination

Soil

The property east of Shore Road was remediated to site-specific residential use soil cleanup objectives (SCOs) established under the Department-approved conceptual Remedial Action Plan (RAP), dated September 2001. Excavations were limited to surface and shallow subsurface soil and

did not extend below the water table in accordance with the conceptual RAP. At three locations, the site-specific residential use SCOs were not achieved because the excavations reached the water table. A summary of the excavation endpoint sample results from each area of the Site is provided in the August 2003 document: "Remedial Action Summary Report – Surface and Shallow Subsurface Soil" (VHB, 2003).

It should be noted that since the time the remedial excavation activities were completed, the NYSDEC has adopted new soil cleanup standards, which are presented in 6 NYCRR Part 375-6. As per this standard, different SCOs have been defined based on the intended future use of the property. Therefore, based on this new standard, the soil sample results collected from the area located to the west of Shore Road, which is intended to be used as open space, were compared to the restricted-residential use soil cleanup criteria and the soil sample results collected from the area located to the east of Shore Road, which is intended to be used as an electric generating station, were compared to the industrial use soil cleanup criteria. Although the endpoint soil samples collected in the areas located to the east of Shore Road are compared to the industrial use soil cleanup criteria, it should be noted that 94% of the VCA related property located to the east of Shore Road meets the restricted-residential criteria. Several excavation endpoint samples were detected above the applicable 6 NYCRR Part 375 SCOs, as follows:

- Sample GLA1-2, collected from excavation Area 3-1, exhibited concentrations of benzo(a)pyrene and total PCBs above their applicable industrial use SCO.
- Samples GLDPW-02 and GLDPW-04S, collected from the drip pits west area, exhibited concentrations of arsenic above its applicable industrial use SCO.
- Lastly, four soil samples collected from Area 2-2 had concentrations of PCBs above the site-specific cleanup goal of 2 mg/kg. However, the PCB concentrations were below the industrial use SCO for total PCBs of 25 mg/kg.

Excavation endpoint samples were not collected from Area 1B as part of the remedial activities; however, samples collected during previous investigations throughout Area 1B exhibited concentrations of arsenic, chromium, copper, mercury, and nickel, above their applicable restricted-residential use SCOs. Vanadium was also detected at elevated concentrations above the site-specific SCOs, however, 6 NYCRR Part 375 does not contain an applicable soil cleanup objective for vanadium.

The location of the areas with residual contamination above the applicable SCOs, as discussed above, is provided on the as-built drawing provided in Appendix A.

Groundwater

A groundwater investigation was completed in three separate phases between March 2006 and December 2007 by National Grid to determine the likelihood that the chlorinated VOCs previously detected in groundwater at the Area 1A Parcel are actually associated with upgradient sources and do not originate from the Glenwood Landing Site. The completed groundwater investigation identified contamination in groundwater consistent with suspected upgradient sources extending well to the

north and south of the Site. The identified contamination consists predominantly of tetrachloroethyelene (PCE) (a dry-cleaning solvent) and, to a lesser degree, related contaminants such as trichloroethylene (TCE) and 1,2-dichloroethene (1,2-DCE). Total chlorinated VOC concentrations were detected up to 1,347 ug/l along Shore Road, a minimum of 600 feet north and side gradient of the Site. The investigation data clearly indicates that the Glen Head groundwater plume, or other groundwater contaminant sources located upgradient of the Site, is impacting groundwater quality over a relatively large area, including the Site.

An SMP was prepared and finalized in February 2022 that was subsequently approved by NYSDEC to manage remaining contamination at the Site in perpetuity or until extinguishment of the Deed Restriction in accordance with ECL Article 71, Title 36. It should be noted that while contaminated groundwater exists beneath the Site, it is due to an upgradient source. However, the SMP includes provisions to protect human health and the environment from this groundwater contamination in addition to managing the remaining soil contamination.

1.3 Remedial Goals and Site Closure Criteria

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved VCA Work Plan for the Site (September 2001) and the NYSDEC-approved Supplemental Environmental Assessment Report for the Site (September 2001). The remedial goals included attainment of site-specific SCOs for on-site soils for residential use. However, the portion of the Site to the east of Shore Road was ultimately developed as an electric power generating station following remedial actions, thus some contamination above the site-specific SCOs for residential use, but less than the SCOs for industrial use, was left in place. Approximately 94% of the VCA-related property located to the east of Shore Road meets restricted-residential use standards. The initial site-specific SCOs and all changes to the site- specific SCOs were approved by the NYSDEC and are listed in Table 1-1.

1.4 Current Remedy Status

As the remedy for this Site involved excavation and removal of contaminated soil followed by the implementation of institutional and engineering controls, no modifications to the remedy were made during the current reporting period.

Table 1-1

SITE-SPECIFIC SOIL CLEANUP OBJECTIVES

Contaminant	Soil Cleanup Objective (mg/kg)
Arsenic	20
Lead	400
Vanadium	500
Benzo(a)anthracene	1.0
Benzo(b)fluoranthene	1.0
Benzo(a)pyrene	0.1
Indeno(1,2,3-cd)pyrene	1.0
Benzo(g,h,i)perylene	310
Dibenzo(a,h)anthracene	0.1
PCBs	2.0

2. Institutional Control/Engineering Control (IC/EC) Plan Compliance

Since remaining impacts to soil and groundwater exists at the Site, Institutional Controls and Engineering Controls (IC/ECs) are required to protect human health and the environment. It should be noted that while impacted groundwater exists beneath the Site, it is due to an upgradient source. However, the SMP includes provisions to protect human health and the environment from these groundwater impacts in addition to managing the remaining soil impacts. The intent of this section is to provide a description of the IC/ECs in place for the Site, the objective and status of each IC/EC, as well as to provide a mechanism used to monitor and enforce each IC/EC.

The IC/EC Certification form completed for the Site for this reporting period was prepared in accordance with Section 6.3(c) of NYSDEC's DER-10 document and is provided in Appendix B.

2.1 Institutional Controls

By definition, an IC is any non-physical means for enforcing restriction on the use of real property that limits human health and environmental exposure, restricts the use of groundwater, provides notice to potential owners, operators, or member of the public, or prevents action that would interfere with the effectiveness and/or integrity of operation, maintenance and monitoring activities at or pertaining to a remedial site.

One IC, a Declaration of Covenants and Restrictions (DCR), is required to: (1) implement, maintain, and monitor Engineering Control systems; (2) prevent future exposure to remaining impacts; and (3) limit the use and development of the Site to Industrial uses in Areas 2 and 3 and Restricted Residential uses in Areas 1A and B. The DCR requires compliance with this SMP. Restrictions identified in the DCR may not be discontinued without approval from the NYSDEC. The IC boundaries are shown in Figure 2. The ICs include the following:

- Compliance with the DCR by the Grantor and the Grantor's successors and assigns with all elements of the 2022 SMP.
- All Engineering Controls must be operated and maintained as specified in the 2022 SMP.
- All Engineering Controls on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the 2022 SMP.

- Soil vapor and other environmental or public health monitoring must be performed as defined in the 2022 SMP.
- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the 2022 SMP.
- Institutional Controls may not be discontinued without an amendment to or extinguishment of the DCR.

The Site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the DCR. Site restrictions that apply to the Site are:

- The Controlled Properties to the east of Shore Road may be used for: Industrial [as described in 6 NYCRR Part 475-1.8(g)(2)(iv)] use.
- The Controlled Property to the west of Shore Road may be used for: Restricted Residential as described in 6 NYCRR Part 475-1.8(g)(2)(ii), use.
- All ECs must be maintained by National Grid as specified in the 2022 SMP.
- All ECs must be inspected at a frequency and in a manner defined in the 2022 SMP.
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Nassau County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department.
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the 2022 SMP.
- All future intrusive activities that will disturb remaining impacts must be conducted in accordance with the 2022 SMP.
- Monitoring to assess the remedy must be performed as defined in the 2022 SMP.
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the 2022 SMP.
- Access to the Site must be provided to agents, employees, or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the 2022 SMP and the DCR.

- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2, and any potential impacts that are identified must be monitored or mitigated.
- An evaluation shall be performed to determine the need for further investigation and remediation should large scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.

Components of the ICs and/or DCR may be modified, added, or deleted from this list as warranted by Site-specific conditions with approval from the NYSDEC project manager.

2.2 Engineering Controls

By definition, an EC is any physical barrier or method employed to actively or passively contain, stabilize, or monitor contamination, restrict the movement of contamination to ensure long-term effectiveness of a remedial program or eliminate potential exposure pathways to contamination.

Exposure to remaining impacts at the Site is prevented by a soil cover system placed over the portions of Site. This soil cover system is comprised of a 10 oz./square yard geotextile, one foot of clean clay/soil cover and six inches of topsoil and seed in Area 1B and clean fill from the bottom of the excavation area to approximately six inches below grade and 6 inches of topsoil and seed in Area 3 as shown in the table below.

Area	Soil Cover System Thickness (feet from ground surface)
1B	1’6”
3-1	8’
3 (Drip Pits West)	6-11’

The location of the soil cover systems is shown in Figure 3 and details on the applicable demarcation layers are provided in the as-built plan in the SMP.

2.3 IC/EC Plan Evaluation

The following Plans are applicable at the Site, as outlined in the February 2022 SMP:

2.3.1 Excavation Work Plan

The Site has been fully remediated for industrial use to the east of Shore Road and restricted-residential use to the west of Shore Road. Any future intrusive work that will penetrate, encounter, or disturb the remaining impacts, and any modifications or repairs to the existing soil cover system, will be performed in compliance with the Excavation Work Plan (EWP) which was provided as an Appendix to the February 2022 SMP. Intrusive construction work must also be conducted in accordance with a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the Site, which shall be prepared by the contractor performing the excavation work in accordance with DER-10, 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State, and local regulations.

Excavation work conducted at the Site during the reporting period is detailed in Section 3.3.1. All work in remedial excavation areas or soil cover systems was completed with National Grid oversight in accordance with the EWP and the Notices of Intrusive Activities for the projects.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any new enclosed structures on the Area 1 part of the Site property, a soil vapor intrusion (SVI) evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. The requirements for the SVI evaluation are specified in the February 2022 SMP.

The construction of one enclosed structure (the Control Trailer) in Area 1A part of the Site was completed during the reporting period. Occupancy of the Control Trailer is limited to days of an average temperature of 10 degrees Fahrenheit or less, which is estimated to be between one to five days per year. Occupancy during these periods could be up to 24 hours per day. In lieu of an SVI evaluation, indoor and outdoor air monitoring was conducted after the trailer was installed. The trailer was installed on a pile-supported concrete slab that is a minimum of one-foot thick and extends above the surrounding ground surface. The trailer directly contacts the slab on each of its four corners and at numerous points on the outside edges where it is anchored to the slab. An approximate one-inch gap is present beneath the floor of the trailer and the slab. The NYSDOH providing a letter following the sampling event that stated it is unlikely that the contaminants detected are the result of SVI. A sampling summary letter and the NYSDOH letter are provided in Appendix B.

2.3.3 Corrective Measures Plan

If any component of the remedy is found to be compromised, or if the periodic certification cannot be provided due to an issue with an institutional or engineering control, a Corrective Measures Plan will be submitted to the NYSDEC for approval. This plan will explain the

failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Plan until it is approved by the NYSDEC.

As no component of the remedy was found to be compromised during the reporting period, a Corrective Measures Plan was not required.

2.4 Notifications

Relative to areas of the Site covered by the SMP, 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 VCA, 6 NYCRR Part 375 and/or ECL.
- 7-day advance notice of any field activity not pursuant to the EWP.
- 15-day advance notice of any proposed ground-intrusive activity pursuant to the EWP. If the ground-intrusive activity qualifies as a change of use as defined in 6 NYCRR Part 375, the above mentioned 60-day advance notice is also required.
- Notice within 48 hours of any non-routine maintenance activities.
- Notice within 48-hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, 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 damage or defect to the EC requiring ongoing responsive action will be prepared and submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the Site or the responsibility for implementing the February 2022 SMP will include the following notifications:

- At least 60 days prior to the change, National Grid and the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party has been provided with a copy of the VCA, and all approved work plans and reports, including this 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 to National Grid and the NYSDEC.

3. Monitoring Plan Compliance

3.1 Monitoring Plan Description

The Monitoring Plan describes the monitoring performed for the Site ECs. The monitoring program is currently limited to Site inspections. The Monitoring Plan may only be revised with the approval of NYSDEC.

3.2 Monitoring Requirements

The monitoring plan included in the February 2022 SMP requires the soil cover systems to be visually observed on an annual basis to ensure they remain in place and have not been disturbed. When required, repair to soil cover systems will be conducted in accordance with the EWP.

In addition, a site-wide inspection must be performed on an annual basis to compile sufficient information to assess the following:

- Compliance with all ICs, including site usage.
- An evaluation of the condition and continued effectiveness of ECs.
- General site conditions at the time of the inspection.
- The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection.
- Confirm that site records are up to date.

Annual monitoring of the performance of the remedy was conducted for the first 5 years, after which it was reduced to every five years with NYSDEC approval on July 11, 2017. Future modifications to the Monitoring Plan may only be made with the approval of NYSDEC.

3.3 Monitoring Compliance Status

GEI completed the required site-wide annual inspections, which included visual observation of the soil cover systems, on the following dates:

- March 20, 2018
- March 27, 2019
- March 18, 2020

- April 27, 2021
- June 10, 2022

There were no disturbances to the soil cover systems during the reporting period. Intrusive activities conducted outside the soil cover system areas are detailed in Section 3.3.1. Inspection of Area 1B also included visual observation of the soil cover system perimeter drainage system to ensure nothing is impeding the system and it has not been disturbed. An active generating station is located in Area 3. The surface of the area is covered with blue stone and asphalt roadways. No disturbance of the cover in Area 3 was observed during the inspections.

Based on the findings of the IC/EC inspection conducted on June 10, 2022, all institutional and engineering controls appear to remain in-place as specified in the February 2022 SMP for the Site. The Institution Control and Engineering Control (ICEC) inspection form completed during this reporting period is provided in Appendix C.

3.3.1 Intrusive Activity

Most of the intrusive work performed was related to upgrades to the Compressed Natural Gas (CNG) station installed on Area 1A as detailed below. Additional intrusive work included monitoring well abandonments and anode installation. All work occurred outside areas with a soil cover and the cover was not impacted. Summary reports for these were prepared and submitted to NYSDEC upon completion. The summary reports are provided in Appendix B.

GEI was onsite on behalf of National Grid during intrusive activities (except as noted below) to implement the CAMP and to provide environmental oversight and soil management to ensure compliance with the SMP. CAMP implementation included upwind and downwind air monitoring for VOCs and particulates was conducted during excavation activities in zones of remaining contamination. At the start of work, air monitoring stations were established upwind of the work activities and at the downwind perimeter of the excavation work zone.

GEI also provided environmental oversight which included monitoring the excavations for impacts using visual and olfactory methods along with soil screening with a photoionization detector (PID) and documentation that if disturbed, the ECs were restored. Soil management responsibilities included ensuring that excavated soil was stockpiled in accordance with the SMP, as well as waste characterization sampling and oversight of soil loadout to a National Grid and NYSDEC-approved disposal facility.

CNG Station

National Grid Gas Operations upgraded their CNG facility in Area 1A of the Site during the reporting period. As part of the planning for this project, six geotechnical borings were advanced in the area in April 2020.

No impacts were observed in five of the six boring locations. A faint creosote odor and fragments of wood were noted in the split-spoon sample taken from a depth of seven to nine feet in boring location B-5. The fragments of wood were screened with the PID and a reading of 298 parts per million (ppm) was observed. Due to limited recovery, the interval could not be sampled. CAMP was set up immediately upwind and downwind of the location, following the observation of impacts at B-5. The fragments of wood are believed to be from an old bulkhead and not from the former gas plant. No impacts were noted in the remaining sample intervals at this location. There were no CAMP exceedances noted during the work

The expansion of the CNG facility began in September 2020 and was completed in January 2021. The work consisted of the following:

- Collected waste characterization samples prior to intrusive work.
- Cleared and grubbed approximately 1.4 acres.
- Excavation and grading of the project area where needed to allow for the installation of 12-inch stone subbase.
- Trench excavation for utilities of approximately 125-feet long, five-feet wide, and a maximum of four-feet deep.
- Installation of all piping below ground and structures above ground associated with the upgrade.
- On-Site reuse of soil for trench backfill and off-Site disposal of remaining soil;
- Import and placement of stone for grading.
- Air sampling within and adjacent to a newly installed structure.
- Replace existing fencing along the southeast (approximately 160 feet) and northeast perimeter of the site (approximately 50 feet). Installation of fencing along the east perimeter.
- Pour an 8 ft x 8 ft concrete slab in the middle portion of the northern site boundary for the proposed pedestrian turnstile entrance.

All stockpiled soil was placed on plastic sheeting, enclosed in a berm, and covered. No soil was determined to be impacted based on physical inspection and was acceptable to re-use as backfill onsite. Upon completion of the grading excavation, approximately 3,100 cubic yards

of approved stone fill was imported to meet the design grades for the facility. A total of 2,066.45 tons of excavated soil were taken off-Site for disposal at 110 Sand Company of Melville, New York. Most of the soil disposed of off-Site was cut from the western portion of the Site as part of grading for the installation of the new infrastructure.

Lastly, GEI collected an indoor air sample within the newly installed control trailer on the

northeastern portion of the property and an outdoor air sample adjacent to the trailer. The sampling was performed in lieu of a full soil vapor intrusion evaluation with approval from the NYSDEC and NYSDOH. The samples were collected on December 15 and 16, 2020 over a 24-hour duration.

Detections from the sampling event were noted in both the indoor air sample (IA-1) and in the outdoor air sample (OA-1). Although more detections were noted in the outdoor air sample, the higher detections were generally identified in the indoor air sample. However, no exceedances of the Air Guideline Values were identified. Notable detections in indoor air included isopropyl alcohol, styrene, and trans-1,2-dichloroethene (trans-1,2-DCE). The detections of these compounds in indoor air were 520 ug/m3, 16 ug/m3 and 34 ug/m3, respectively.

Due to the construction of the control trailer, it was determined to be unlikely that the detections in indoor air were the result of soil vapor intrusion. The detections may have been the result of the activities being conducted on-Site at the time of sampling, or items within or the components of the newly constructed control trailer.

Well Abandonments

A total of four wells in Area 1B of the Site were abandoned with NYSDEC approval in March 2021. These wells included MW-01, MWD-01, MWD-02 and MW-04. Intrusive activity related to the well abandonments was limited to the removal of the surface casing and one to three feet of riser. The remaining well annulus was tremie grouted.

Anode Installation

Intrusive work was also performed for anode installation in Area 3 outside of any of the excavation or soil cover system areas (controlled areas) at the Site.

The anode installation project included shallow excavation and trenching using vacuum excavation technology. All soil removed was used for backfill upon completion of the installation. Since the project area was outside of the controlled areas of the Site and did not breach the cover systems, oversight, or implement the CAMP was not conducted. An NOIA for the project was submitted to NYSDEC; however, a summary report was not prepared.

3.3.2 Area 2 Property Encroachment

In April 2022, National Grid became aware that the adjacent business owner near the northwest portion of Area 2 of the Site was encroaching on the SMP area. National Grid subsequently contacted the business owner regarding the encroachment and any disturbances that may have occurred on the rest of National Grid property. Following discussion with the business owner, there were no apparent soil disturbances, and the encroached area was used as a parking area for vehicles. Representatives from National Grid and GEI conducted a Site visit on June 10, 2022, to inspect the suspected encroachment area. National Grid also conducted Site visits on May 25, 2022 and August 3, 2022 and NYSDEC was notified on of the issue on May 26, 2022. As of the issuance of the PRR the issue has not been completely resolved. National Grid is currently negotiating an agreement with the adjacent business owner to allow use of the property. The agreement will include the staging equipment and vehicles only. All requirements in the SMP will be included and adhered to and no intrusive activities may be conducted. A change of use form will be submitted to the NYSDEC once the agreement is executed.

The approximate area of encroachment is shown on Figure 4 and is outside of any of the soil cover systems which are located within fenced areas of the Site. A portion of the southeastern area of encroachment, is near the location of excavation Area 2-7. Impacts in this area were excavated to the groundwater table and the endpoint sample results met the applicable site use criteria (Industrial Use), no soil cover system was installed.

4. Operation and Maintenance Plan Compliance

As the remedy for this Site involved excavation and removal of contaminated soil followed by the implementation of institutional and engineering controls, there are no remedial systems currently operating at the Site. Therefore, there is no O&M Plan for the Site and this section is not applicable.

5. Overall PRR Conclusions and Recommendations

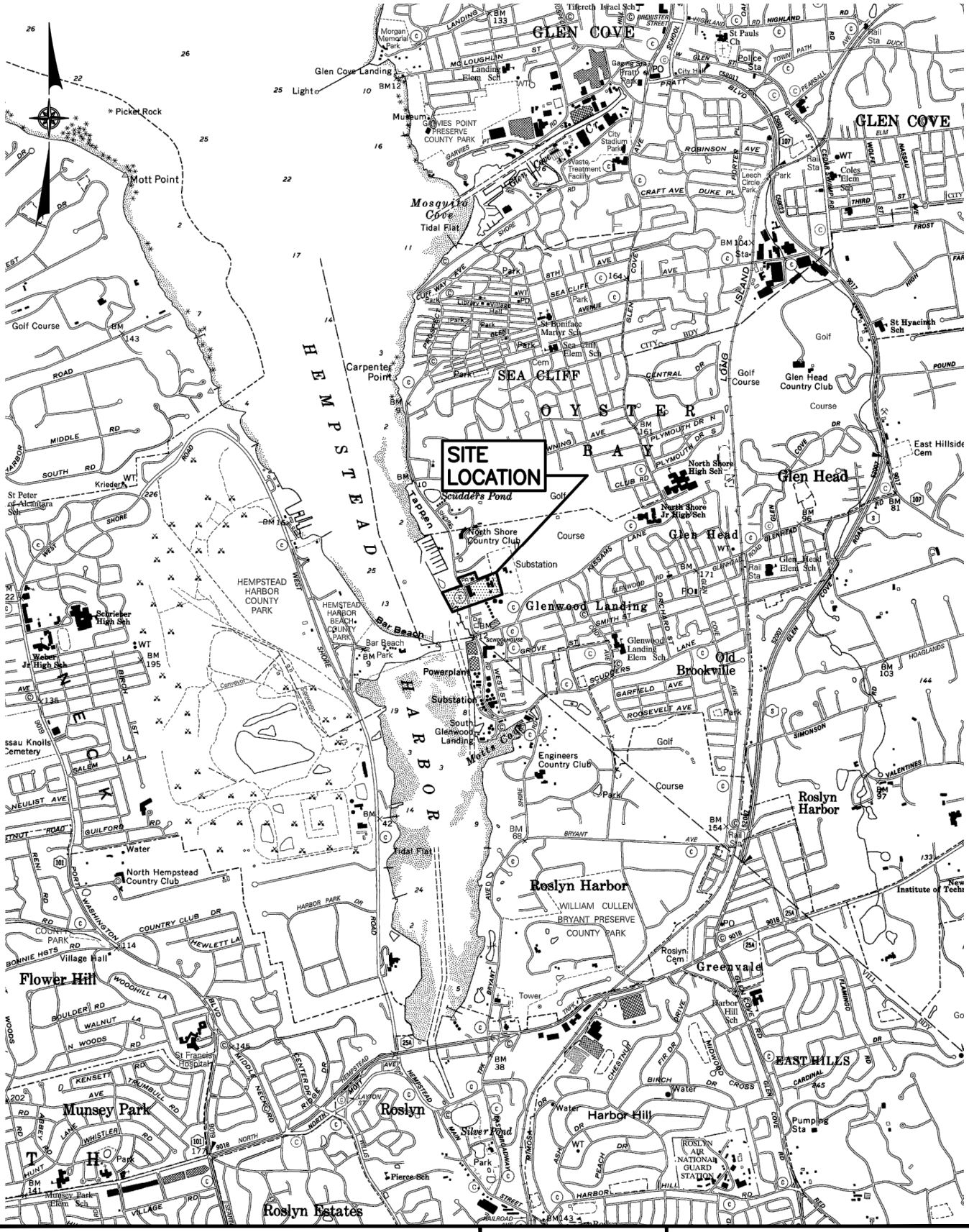
The remedy for the Site involved excavation and removal of contaminated soil followed by the implementation of institutional and engineering controls. The Site is currently in the site management phase of the overall remedial process. Site management activities involve routine inspections to confirm that all institutional and engineering controls implemented for the Site remain in place and are effective. Based on the evaluation of the performance, effectiveness, and protectiveness of the remedy during the current reporting period, and as detailed in the preceding sections, all institutional and engineering controls appear to be in place as specified in the February 2022 Site Management Plan for the Site.

It is recommended that site management continue per the February 2022 Site Management Plan. It is also recommended that the Site continue to be monitored for any future encroachment to ensure all institutional and engineering controls remain in place and effective.

SMP requirements during the next reporting period (2022 to 2027) will be limited to an annual Site inspection and intrusive activity oversight, should such projects occur. Additional Site-wide inspections will be performed after any severe weather conditions with the potential to affect the ECs.

The completed NYSDEC institutional and engineering controls certification form is provided in Appendix C.

Figures



Periodic Review Report
Glenwood Landing Former Gas Plant Site
Glenwood Landing, New York

nationalgrid

GEI Consultants

SITE LOCATION MAP

Project 1702897 | December 2022 | Fig. 1

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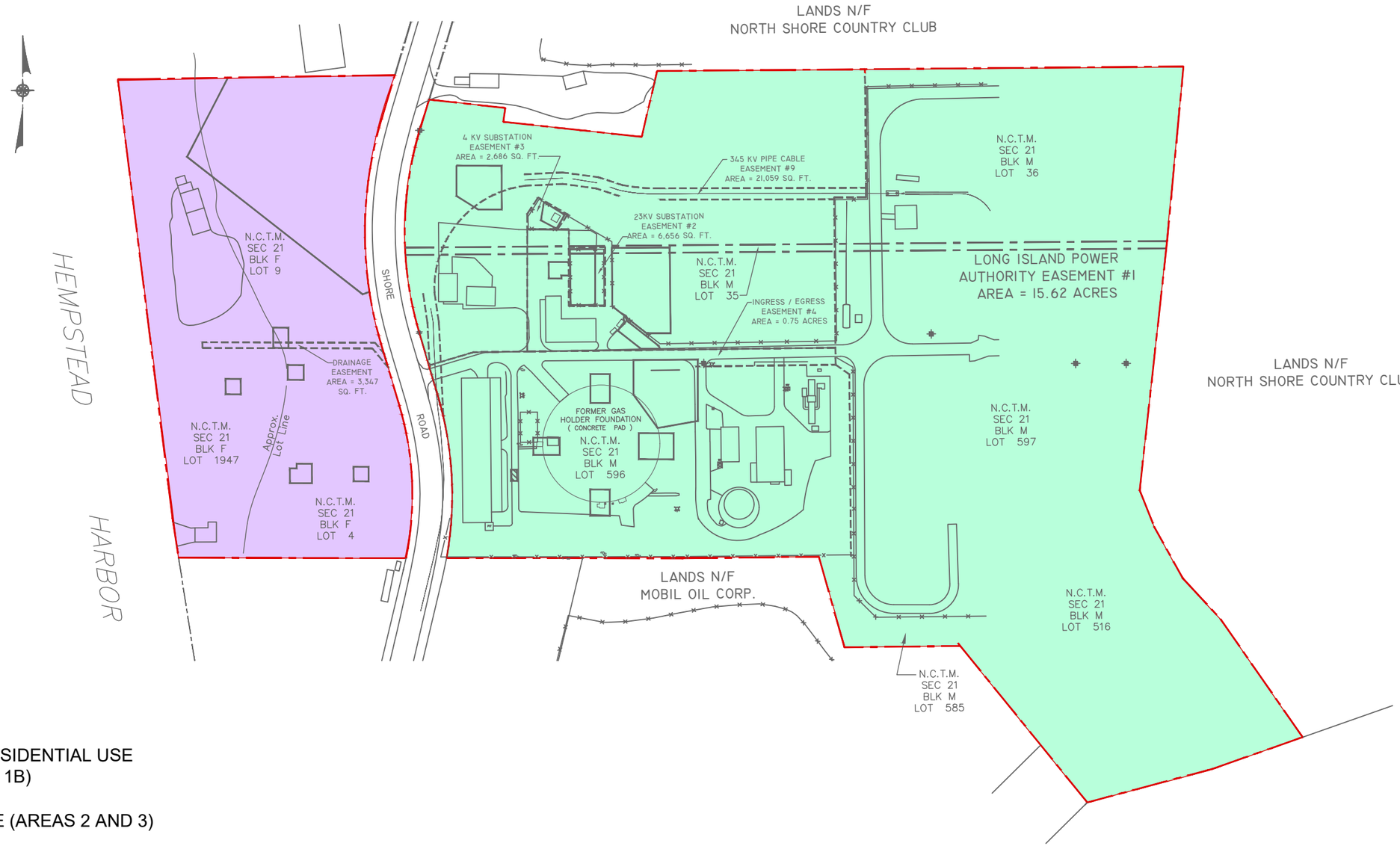

LEGEND

- RESTRICTED RESIDENTIAL USE (AREAS 1A AND 1B)
- INDUSTRIAL USE (AREAS 2 AND 3)
- SITE BOUNDARY

Periodic Review Report
Glenwood Landing Former Gas Plant Site
Glenwood Landing, New

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SITE AND INSTITUTIONAL CONTROL BOUNDARIES

Project 1702897

December 2022

Fig. 2

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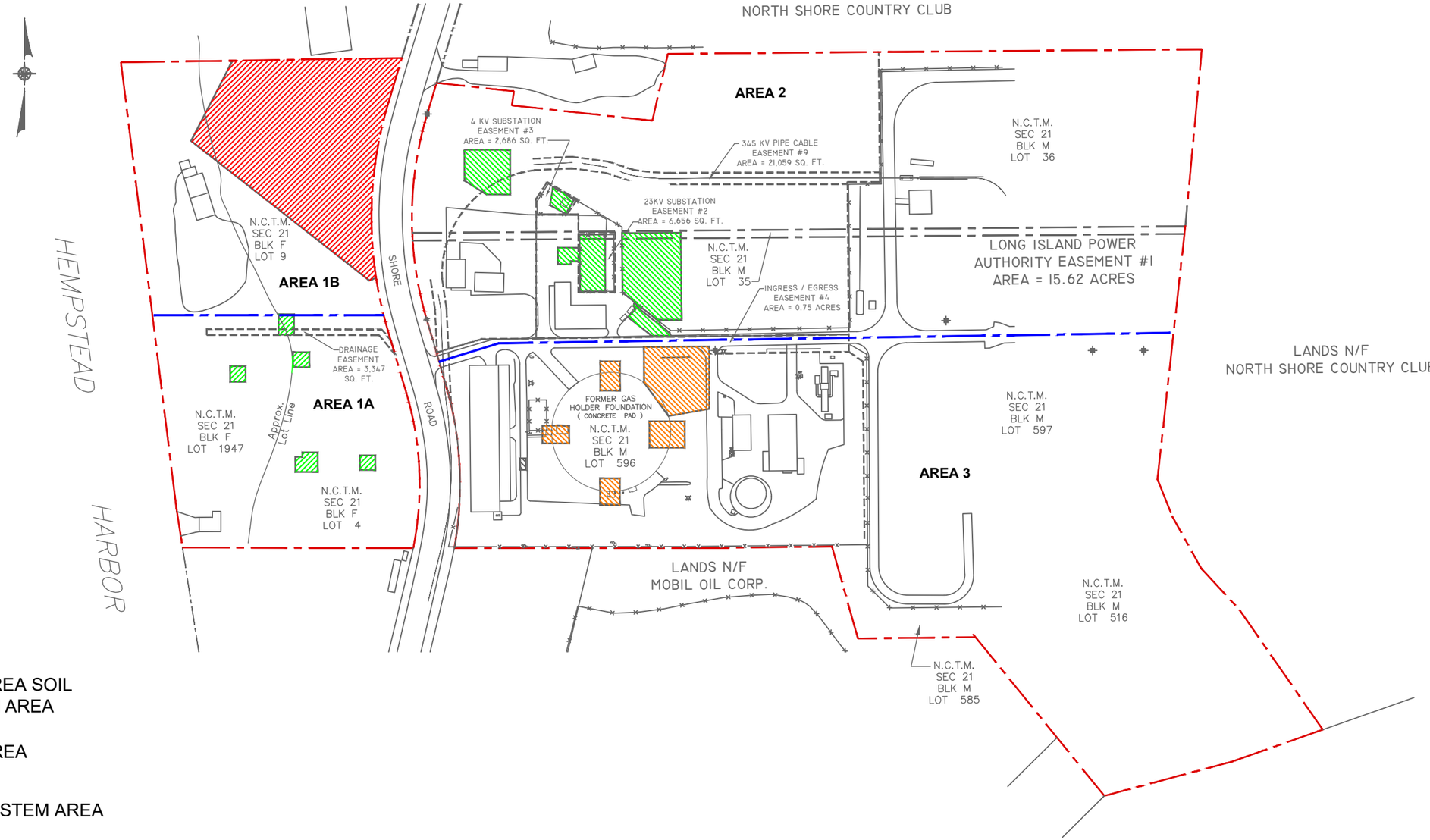

LEGEND

- EXCAVATION AREA SOIL COVER SYSTEM AREA
- EXCAVATION AREA
- SOIL COVER SYSTEM AREA
- SITE BOUNDARY
- AREA BOUNDARY

Periodic Review Report
Glenwood Landing Former Gas Plant Site
Glenwood Landing, New York

nationalgrid

GEI Consultants

SITE LAYOUT AND SOIL COVER SYSTEM MAP

Project 1702897 | December 2022 | Fig. 3

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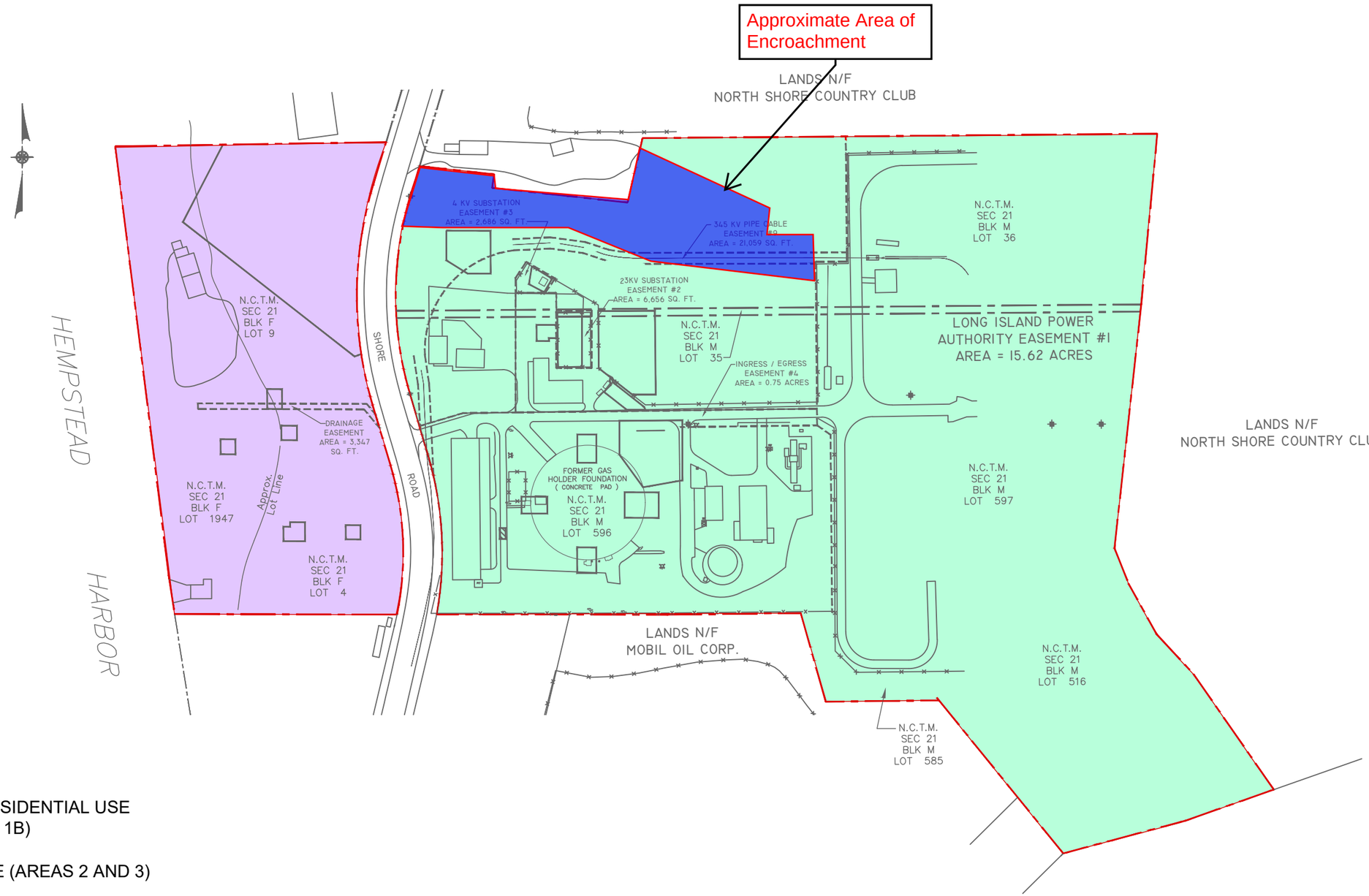


LEGEND

- RESTRICTED RESIDENTIAL USE (AREAS 1A AND 1B)
- INDUSTRIAL USE (AREAS 2 AND 3)
- SITE BOUNDARY

Periodic Review Report
Glenwood Landing Former Gas Plant Site
Glenwood Landing, New

nationalgrid

GEI Consultants

ENCROACHMENT AREA

Project 1702897

December 2022

Fig. 4

\\NYC2L-DCHEC X:\CAD\Project\National Grid\Bay Ridge\1702897\CAD\Figures\ISMP\1702897_Fig 1-6.dwg - 10/1/2021

Appendix A

Inspection Forms and Photographic Documentation

INSTITUTIONAL AND ENGINEERING CONTROL EVALUATION FORM

Inspection Date: 6/10/2022

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Glenwood Gas Plant Parcel 177

Name of the current property owner(s): National Grid

Site Street Address: Glenwood Landing, Nassau County, New York

Municipality (-ies): Town of Oyster Bay County (-ies): Nassau

Blocks: F and M

Lots: F: 4, 9 and 1947. M: 35, 36, 516, 585, 596 and 597.

Source information obtained from: National Grid Engineering & Survey, Inc.

B. Person responsible for preparing Institutional and Engineering Control Evaluation Form:

Person's Name: Jeffery Parillo, P.E.

Person's Title: Environmental Engineer

Company Name: GEI Consultants, Inc. P.C.

Relationship to the Site (check as appropriate): Owner_____ Operator_____

Lessee_____ Person Who Conducted the Cleanup _____
Other (describe) Environmental Consultant

Street Address: 455 Winding Brook Drive, Suite 201

City: Glastonbury State: Connecticut

Telephone Number: 860-368-5402

Fax Number: (___)___-____

E-mail Address: jparillo@geiconsultants.com

C. Case Specific Information (**Complete all that apply**)

- Site Name: Glenwood Landing Former Gas Plant Site
- Site Registry Number: VCA No. R1-0001-01-01, V00351
- Date of final Remediation Report and/or Certificate of Completion: May 15, 2012
- Name and program of assigned Project Manager at issuance of Environmental Easement:

Zachary Russo, Division of Environmental Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

Area 1A: CNG Trucking Station with a locking gate, blue stone covering the surface and vegetation along the perimeter, west of the generating station across Shore Road. Area 1B: Vacant lot with locking gate, overgrown vegetated area, west of generating station across Shore Road. Area 2-2: Overgrown vegetated area, fenced in within generating station property that has locking gates and security. Area2-3: Gravel parking area within generating station property that has locking gates and security. Area 2-4: 23 KV Substation with blue stone covering the surface, fenced in within generating station property that has locking gates and security. Area 2-6: 4 KV Substation with blue stone covering the surface, fenced in within generating station property that has locking gates and security. Area 2-7: Potentially encroached area by adjoining construction company. Vegetation has been cleared and retaining walls have been installed. Asphalt paving leading up the hill to truck staging area. Area 3: Active generating station with blue stone covering the surface and asphalt roadways, within generating station property with locking gates and security. See attached photographic log.

- Describe the current site operations/use. If necessary, attach additional sheets.

The portion of the site to the east of Shore Road is currently used as an active generating station. Two substations, support and administrative buildings are also located on this portion of the site, which is completely fenced with locking gates and security. The portion of the site to the west of Shore Road is currently used as an active CNG station on the southern half and the northern half is vacant. These two areas are fenced with locking gates.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Engineering controls consist of soil covers in Area 1B and Area 3. In area 1B the soil cover was noted to be in place, which consists of geotextile, clay/soil cover, topsoil and seed. The area was overgrown with vegetation. No disturbance of the soil cover was observed at the time of inspection. An active generating station is located in Area 3. The surface of the area is covered with blue stone and asphalt roadways. No disturbance of the cover was noted at the time of inspection.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

  Book Number: Liber D 12804

  Page Number: 723 through 737 and 738 through 758

  Date the date the Environmental Easement was filed in the office of the county recording officer: February 24, 2012

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

Yes____ No X____

If "Yes", provide an explanation. If necessary, attach additional sheets.

B. Evaluation of Institutional and Engineering Controls

1. Zoning or Land Use Changes (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X Residential _____ Agricultural _____ Other _____

b. Current land use (check all that apply):

Non-Residential X Residential _____ Agricultural _____ Other _____

c. Has there been an actual or pending zoning or land-use change?

Yes ____ No X

2. Inspections (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

Yes X No _____

Date(s) of Disturbance: Ongoing

Duration of Disturbance: Years ____ Months ____ Days ____

Date the NYSDEC was notified: 5/26/2022

Date Work Plan Approved: _____ Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

_____

_____

_____

Name of Contact Person Relative to the Disturbance:

_____

Title: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Telephone Number: _____

Email Address: _____

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes____No _X__

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

_____

_____

_____

Photo 1: Area 1A looking northwest

Photo 2: Area 1A looking east

Photo 3: Area 1B looking west

Photo 4: Area 2 looking east. View of encroachment area and ramp leading up to truck staging area

Photo 5: Area 2. Truck staging with asphalt paving in encroachment area.

Photo 6: General Condition photo of center of substation facing southwest.

Photo 7: Area 3 looking east

Photo 8: Area 3 looking south

Photo 9: Area 3 looking west

Photo 10: Area 3 looking east

Photo 11: Area 3 looking south

Photo 12: Area 3 looking north

INSTITUTIONAL AND ENGINEERING CONTROL EVALUATION FORM

Inspection Date: 4/27/2021

I. Site Background Information

A. Site Name and Location:

Site name as it appears on the Environmental Easement: Glenwood Gas Plant - Parcel 177

Name of the current property owner(s): National Grid

Site Street Address: Glenwood Landing, Nassau County, New York

Municipality (-ies): Town of Oyster Bay County (-ies): Nassau

Blocks: F and M

Lots: F:4, 9, and 1947. M: 35, 36, 516, 585, 596, and 597.

Source information obtained from: National Grid Engineering & Survey, Inc.

B. Person responsible for preparing Institutional and Engineering Control Evaluation Form:

Person's Name: Jeffery Parillo, P.E.

Person's Title: Environmental Engineer

Company Name: GEI Consultants, Inc. P.C.

Relationship to the Site (check as appropriate): Owner_____ Operator_____

Lessee_____ Person Who Conducted the Cleanup _____
Other (describe) Environmental Consultant

Street Address: 455 Winding Brook Drive, Suite 201

City: Glastonbury State: Connecticut

Telephone Number: (860) 368- 5402

Fax Number: (___)___-____

E-mail Address: jparillo@geiconsultants.com

C. Case Specific Information (Complete all that apply)

- Site Name: Glenwood Landing Former Gas Plant Site
- Site Registry Number: VCA No. R1-0001-01-01, V00351
- Date of final Remediation Report and/or Certificate of Completion: May 15, 2012
- Name and program of assigned Project Manager at issuance of Environmental Easement:
  Zachary Russo, Division of Environmental Remediation

D. Existing Site Conditions

- Describe the physical characteristics of the site (features, topography, drainage, vegetation, access, etc.). If necessary, attach additional sheets.

Area 1A: CNG Station with a locking gate, blue stone covering the surface and vegetation along the perimeter, west of the generating station across Shore Road. **Area 1B:** Vacant lot with locking gate, overgrown vegetated area, west of generating station across Shore Road. **Area 2-2:** Overgrown vegetated area, fenced in within generating station property that has locking gates and security. **Area 2-3:** Gravel parking area within generating station property that has locking gates and security. **Area 2-4:** 23 KV Substation with blue stone covering the surface, fenced in within generating station property that has locking gates and security. **Area 2-6:** 4 KV Substation with blue stone covering the surface, fenced in within generating station property that has locking gates and security. **Area 2-7:** Overgrown vegetated area, fenced in within generating station property that has locking gates and security. **Area 3:** Active generating station with blue stone covering the surface and asphalt roadways, within generating station property with locking gates and security. See attached photographic log.

- Describe the current site operations/use. If necessary, attach additional sheets.

The portion of the site to the east of Shore Road is currently used as an active generating station. Two substations, support and administrative buildings are also located on this portion of the site, which is completely fenced with locking gates and security. The portion of the site to the west of Shore Road is currently used as an active CNG station on the southern half, and the northern half is vacant. These two areas are fenced with locking gates.

- Describe visual integrity/condition engineering control. If necessary, attach additional sheets.

Engineering controls consist of soil covers in Area 1B and Area 3. In Area 1B the soil cover was noted to be in place, which consists of geotextile, clay/soil cover, topsoil, and seed. The area was overgrown with vegetation. No disturbance of the soil cover was observed at the time of inspection. An active generating station is located in Area 3. The surface of the area is covered with blue stone and asphalt roadways. No disturbance of the cover was noted at the time of inspection.

The lock on the access gate for Area 1B could not be opened at the time of the inspection. However, this area could be observed through the chain-link fence surrounding the area.

II. Protectiveness Evaluation

A. Environmental Easement and Engineering Control Information (Complete below)

- Provide the following information for the recorded Environmental Easement:

  Book Number: Liber D 12804

  Page Number: 723 through 737 and 738 through 758

  Date the date the Environmental Easement was filed in the office of the county recording officer: February 24, 2012

- Have any amendments and/or additional filings been recorded that may modify or supersede the Environmental Easement?

Yes ____ No X___

If "Yes", provide an explanation. If necessary, attach additional sheets.

_____

_____

_____

_____

_____

B. Evaluation of Institutional and Engineering Controls

1. Zoning or Land Use Changes (Complete below)

a. Land use at the time the Environmental Easement was filed (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other X___

b. Current land use (check all that apply):

Non-Residential X___ Residential _____ Agricultural _____ Other X____

c. Has there been an actual or pending zoning or land-use change?

Yes____No X___

2. Inspections (Complete below)

Have periodic inspections of the site identified any excavation or other disturbance activities that have taken place within the restricted areas?

Yes____No_X_

Date(s) of Disturbance: _____

Duration of Disturbance: Years____Months____Days ____

Date the NYSDEC was notified: _____

Date Work Plan Approved: _____

Description of the disturbance and methods to address the disturbance. If necessary, attach additional sheets.

_____

_____

_____

Name of Contact Person Relative to the Disturbance:

_____

Title: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Telephone Number: _____

Email Address: _____

3. Changes to Laws and Regulations (Complete below)

a. Are there any subsequently promulgated or modified environmental laws or regulations, which apply to the site?

Yes____No X__

b. If "Yes", has the evaluation also determined that the Environmental Easement and engineering control, as applicable, meets the requirements of the new laws and regulations?

Yes____No_____

c. The Environmental Easement and engineering control, as applicable that did not meet the requirements of the new laws and regulations has been addressed in the following manner to bring them into compliance. If necessary, attach additional sheets.

_____

_____

_____

Glenwood Landing Gas Plant Site
EC/IC Site Inspection, April 27, 2021

1. Area 1A looking north.

2. Area 1B looking north.

3. Area 2-2 looking north.

4. Area 2-3 and 2-4 looking east.

Glenwood Landing Gas Plant Site
EC/IC Site Inspection, April 27, 2021

5. Area 2-6 looking north.

6. Area 2-7 looking north.

7. Area 3 looking north.

8. Area 3 looking south.

INSPECTION REPORT

Prepared By: Robert Sakalauskas

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP. (*F)									35-45	

Project Number:	1702897.28.1	Date:	3/18/20
Project Name:	Glenwood Landing		

Employees on Site:	Purpose of Visit:
Robert Sakalauskas (GEI)	Site Inspection

Safety Briefing:
Slips, trips, and falls. Traffic safety around site.
Utilize PPE.

Checklist	**Circle all that apply**
Site Access	Yes No X
Comments:	

Intrusive Activity Yes No X	*National Grid Performing*	Yes	No	Unknown		Recent or Ongoing		
	Comments:							
Non-Intrusive Work Yes No X	*National Grid Performing*	Yes	No	Unknown		Recent or Ongoing		
	Comments:							

Mark Outs Observed	Yes X No	**Recently Painted**	Yes No X	On Site	On Sidewalk X	On Street X
Comments: Mark outs observed on sidewalk of Shore Rd.						

Stockpile Observed Yes No X	*National Grid Generated*	Yes	No	Unknown	**Covered in Poly**	Yes	No	Large Small
	Comments:							
Drums Observed Yes No X	*National Grid Generated*	Yes	No	Unknown	**Drums Labeled?**	Yes	No	Unknown Faded
	Contents & Number of drums *DO NOT OPEN DRUMS*							
Comments:								

Sample(s) Collected	Yes No X	Type of Sample	
Comments: (No. of samples)			

 File Name: _____

GEI Site Activities Performed:

Site inspection

Problems Encountered:

None

Site Notes:

No signs of intrusive activities. No stockpiles or drums visible.

All entrances to site were securely locked.

 File Name: _____

INSPECTION REPORT

Prepared By: Michele Wiedersum

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	X
TEMP.									45°F	

Project No.:	1702897-28.1	Date:	3/27/19
Project Name:	Glenwood Landing		

Employees on Site: Michele Wiedersum	Safety Briefing: - Traffic Safety - Slip, Trips, and Falls
Sites Activities Performed: Site Inspection	

Samples Collected:
None

Problems Encountered:
As noted in previous inspections, a chain link fence gate appears to be askew with large gaps between the fence and gate and also unlocked. Ruts were observed within the grass near the curb of the entrance.

Site Notes:
Site is occupied by active National Grid LNG plant.

No evidence of excavation activities was observed.

 File Name: _____

INSPECTION REPORT

Prepared By: Michele Wiedersum

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	
TEMP.35°F					X					

Project No.:	1702897-27.1	Date:	3/20/18
Project Name:	Glenwood Landing		

Employees on Site: Michele Wiedersum	Safety Briefing: N/A
Sites Activities Performed: Site Inspection	

Samples Collected:
None

Problems Encountered:
Rip in chain link fence was observed along Shore Road, and the nearby gate appears to be askew.

Site Notes:
Site is occupied by active National Grid LNG plant.
No evidence of excavation activities was observed.

 File Name: _____

Appendix B

Intrusive Activity Summary Reports

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

February 1, 2021

Jenelle Gaylord
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

Re: **Control Trailer Air Sampling Summary Letter**
Glenwood Landing Former Gas Plant Site
Site #V003511
Glenwood Landing, Nassau County

Dear Ms. Gaylord,

I reviewed to January 2021 *Control Trailer Air Sampling Summary Letter* for the National Grid Glenwood Landing Former Gas Plant Site Glenwood Landing, Nassau County. After reviewing the indoor and ambient air data, it is unlikely that the contaminants detected are the result of soil vapor intrusion. The chemicals detected in the indoor air of the Control Trailer are likely the result of the activities being conducted on-site at the time of sampling, or items within or the components of the newly constructed Control Trailer. However, while it does not appear that SVI is the cause of compounds detected in the indoor air of the trailer, steps should be taken to identify potential sources and actions (such as increased ventilation) can be implemented to reduce these concentrations to typical background levels.

If you have any questions concerning my comments, please contact me at (518) 402-7883.

Sincerely,

Jacquelyn Nealon

Jacquelyn Nealon
Public Health Specialist 3
Bureau of Environmental Exposure Investigation

Cc: C. Bethoney / e-File
C. Westerman – NYSDOH MARO
D. Irwin / R. Putnam – NCDOH
R. Mustico/J. Dyber – NYSDEC Central Office
C. Engelhardt – NYSDEC Region 1

Jessica Phillips
Project Engineer
Site Investigation & Remediation

nationalgrid

February 22, 2021

Ms. Jenelle Gaylord
Assistant Geologist, Bureau E
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

Intrusive Activity Summary Report
National Grid Glenwood Landing Former Gas Plant Site
Glenwood Landing, New York
Site No. V00351

Dear Ms. Gaylord:

This report is a summary of all work completed and data collected during intrusive activities conducted at National Grid Glenwood Landing Former Gas Plant Site (the Site) located in Area-1A between September 2020 and January 2021. Grid Gas Operations (Gas Ops) conducted the upgrades to their facility in order handle the increased demand of natural gas supply to the area.

The work completed at the Site included the following:

- Collected waste characterization samples prior to intrusive work;
- Cleared and grubbed approximately 1.4 acres;
- Excavation and grading of the project area where needed to allow for the installation of 12-inch stone subbase;
- Screened soils for volatile organic compounds (VOCs) utilizing a photo-ionization detector (PID) and inspected soils for signs of visual or olfactory impacts;
- Trench excavation for utilities of approximately 125-feet long, five-feet wide, and a maximum of four-feet deep;
- Installation of all piping below ground and structures above ground associated with the upgrade;
- On-Site reuse of soil for trench backfill and off-Site disposal of remaining soil;
- Import and placement of stone for grading;
- Air sampling within and adjacent to a newly installed structure;
- Replace existing fencing along the southeast (approximately 160 feet) and northeast perimeter of the site (approximately 50 feet); and
- Pour an 8 ft x 8 ft concrete slab in the middle portion of the northern site boundary for the proposed pedestrian turnstile entrance.

175 East Old Country Road, Hicksville, NY 11801
T: 516.581.7313 ■ F: 516.545.2582 ■ **Jessica.Phillips@nationalgrid.com** ■ www.nationalgrid.com

Intrusive Activity Summary Report
National Grid Glenwood Landing Former Gas Plant Site
Glenwood Landing, New York

A Notice of Intrusive Activity (NOIA) for this project was submitted to the New York State Department of Environmental Conservation (NYSDEC) on September 11, 2020 and an updated version addressing NYSDEC comments was submitted on September 16, 2020. National Grid Site Investigation and Remediation (SIR) retained GEI Consultants, Inc., P.C. (GEI) to conduct environmental oversight, and soil management for all intrusive activities in accordance with the Site Management Plan. Waste Recycling Services (WRS) was retained by GEI Consultants to handle all soil removal on the Site.

Summary of Field Activities

The western portion of the site was cleared and grubbed of approximately 1.4 acres and approximately one foot of soil was cut to grade the area and to accommodate the facility upgrades.

Prior to the area excavation, waste characterization samples were collected using hand auger techniques. All sampling equipment was properly decontaminated prior to sampling and between sample locations. Samples were analyzed by a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) certified lab for the following:

- Volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) method 8260C;
- Semi-volatile organic compounds (SVOCs) – USEPA method 8270D;
- Polychlorinated biphenyls (PCBs) – USEPA method 8082A;
- Target analyte list (TAL) metals – USEPA method 6010D;
- Herbicides – USEPA method 8151A;
- Pesticides – USEPA method 8081B;
- Total organic halides – USEPA method 9020 TOX;
- Corrosivity – USEPA method 9040C; and
- Reactivity – USEPA methods 9014 and 9034.

A total of five composite samples (WC-1 through WC-5) were collected, each consisting of a composite of five individual grab sample locations (25 total grab locations). Seven additional grab samples (GL-DS-92920-1 through GL-DS-92920-7) were collected for VOCs. All samples were collected from zero to one foot below ground surface. Sample results indicate that soil was below the NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs). Based upon these laboratory results, excavated soil was approved to be exported to 110 Sand Company of Melville, New York. The laboratory data packages and a figure showing the waste characterization sample locations are included as **Attachment 1**.

Excavation activities were conducted by Bancker Construction Corp. (Bancker), a National Grid approved contractor on behalf of Gas Ops. Area-1A was previously remediated to remove hot spots on the property. All excavated soils from grading and trenching operations were inspected for visual or olfactory impacts and were screened using a photo-ionization detector (PID) and stockpiled on plastic sheeting, enclosed in a berm, and covered. No soil was determined to be impacted and was acceptable to re-use as backfill onsite. Upon completion of the grading excavation, approximately 3,100 cy of stone fill was imported to meet the design grades for the facility. After grading was completed, Bancker completed the necessary trenching to meet specifications for new gas infrastructure. Due to the depth of the excavations, dewatering of

groundwater was not needed. A majority of the trench excavation cuttings were reused as backfill. **Attachment 2** provides the plan for the injection facility.

All intrusive activities were performed by OSHA 40-hour trained staff who are enrolled in a medical monitoring program. Soil was screened with a PID as stated in the NOIA submitted in September 2020. No VOCs were detected above 5 parts-per-million and no visible dust was observed; therefore, CAMP was not conducted. The contractor was responsible for conducting their own work zone air monitoring with a PID.

A total of 2,066.45 tons were taken off-Site for disposal. Most of the soil disposed of off-Site was cut from the western portion of the Site as part of grading for the installation of the new infrastructure. Weight tickets are included in **Attachment 3**. No soil was removed from the site during the installation of the new fencing and pedestrian turnstile.

Lastly, GEI collected an indoor air sample within the newly installed control trailer on the northeastern portion of the property and an outdoor air sample adjacent to the trailer. The sampling was performed in lieu of a full soil vapor intrusion evaluation with approval from the NYSDEC and the New York State Department of Health (NYSDOH). The samples were collected on December 15 and 16, 2020 over a 24-hour duration. Detections above background levels were noted for several compounds in both indoor and ambient air. An evaluation of the results from the sampling event were submitted in a separate letter on January 11, 2021.

The NYSDOH responded to the Control Trailer Air Sampling Summary Letter on February 1, 2021 and concluded that it is unlikely that the contaminants detected in indoor and ambient air are the result of soil vapor intrusion. The NYSDOH recommendations included taking steps to identify potential sources and actions (such as increased ventilation) that can be implemented to reduce the concentrations of the contaminants detected to typical background levels. National Grid is currently evaluating the NYSDOH recommendations. The NYSDOH response letter is included as **Attachment 4**.

If you have any questions, feel free to contact me at (516) 581-7313 or by email at jessica.phillips@nationalgrid.com.

Very truly yours,

Christopher Morris, P.G.
on behalf of
Jessica Phillips

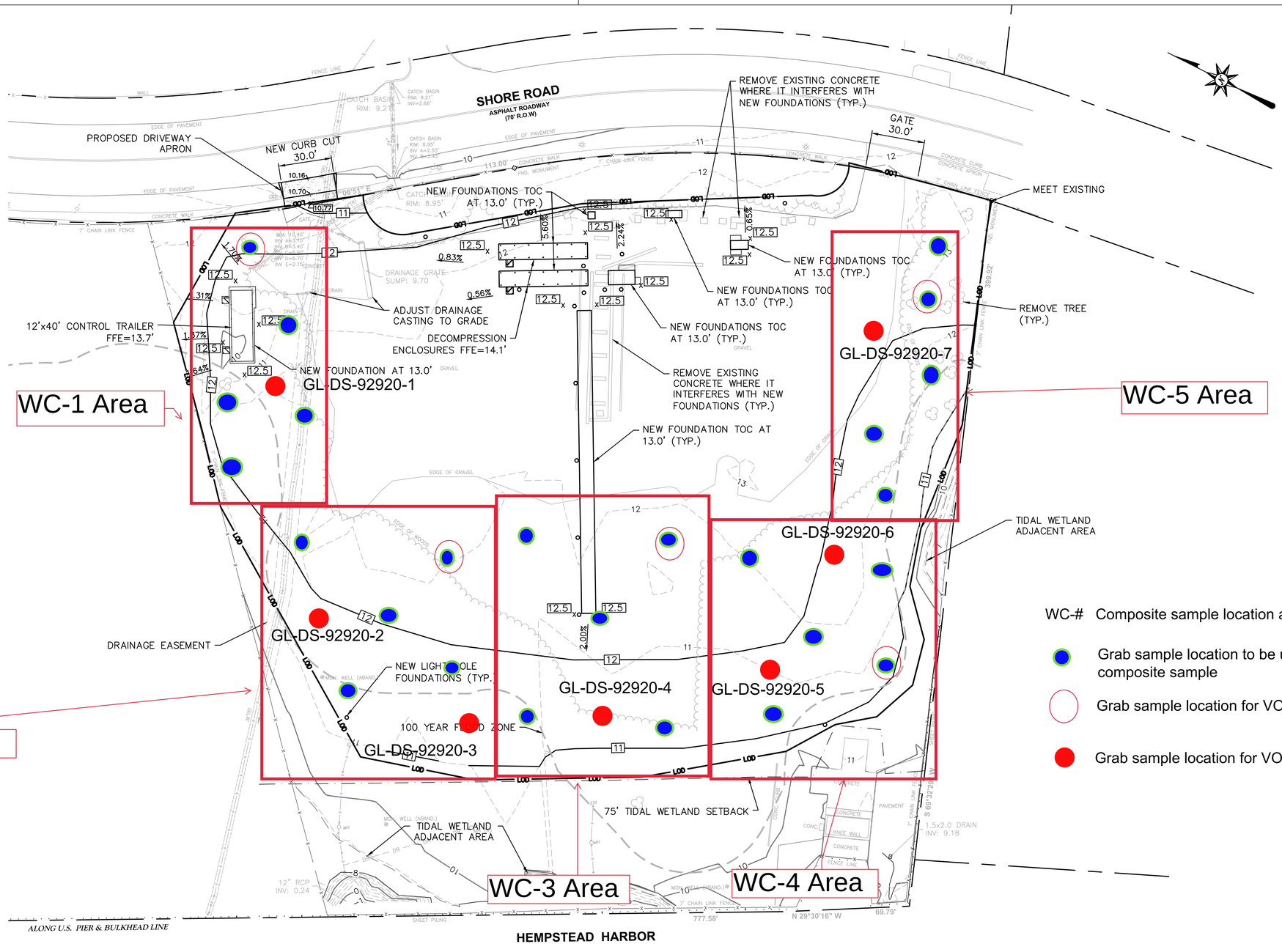
Attachment
cc: M. Quinlan National Grid)
J. Mitchell (National Grid)
T. Johansen (GEI)

I:\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Glenwood Landing\Intrusive Activities Projects\Summary Report - Gas Facility Upgrades\letter.hwV00351.2021-02-22.Summary Report-Gas Ops Facility Upgrade__final

ATTACHMENT 1

LEGEND

- 12 — Existing Minor Contour
- 10 — Existing Major Contour
- 12 — Proposed Contour
- ×12.50 — Proposed Spot Elevation
- LOD — Limit of Disturbance and Extent of New Stone Surfacing
- 5% — Proposed Surface Slope
- FFE — First Floor Elevation



WC-# Composite sample location and designation

Grab sample location to be used for corresponding composite sample

Grab sample location for VOC analysis

Grab sample location for VOC analysis - 9/29/20

GLENWOOD CNG OFFLOADING GRADING PLAN

SCALE 1"=30'

30 15 0 30

SCALE 1"=30'

BL Companies
ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING
145 Pinelawn RD, Suite 300 South
Melville, NY 11747
(212) 529-6543

ISSUE NO.	DATE	W.O.	DESCRIPTION	DWN BY	CKD BY	REVIEWED	APPD
1	07/08/2020		ISSUED FOR CONSTRUCTION	MB	MN	M	PC
0	06/10/2020		ISSUED FOR BID	MB	MN	M	PC
B	05/08/2020		ISSUED FOR COORDINATION NOT FOR CONSTRUCTION	MB	MN	M	PC
A	04/21/2020		ISSUED FOR REVIEW NOT FOR CONSTRUCTION	MB	MN	M	PC

Keyspan Gas East Corp. d/b/a National Grid
GLENWOOD CNG OFFLOADING STATION
W & E SIDE OF EAST SHORE ROAD, GLENWOOD LANDING, NY 11547

GLENWOOD CNG OFFLOADING STATION
GRADING PLAN

NATIONAL GRID
25 Hub Drive
Melville, New York 11747

SCALE: AS NOTED
VENDOR DWG. NO.: GP-17C6402-01
CAD/LAN DOS FILE NO.:
DWG. NO.: 209713-C-008-01
SYSTEM GRID NUMBER:
SHT 10 OF 21
CABINET NO.:
FOLDER NO.:

7/8/2020, MDALLO, G:\JOBS\17\17C6402\DWG\CNG INJECTION SITES\GLENWOOD\GP17C6402001-CIVIL_30_COPY.DWG LAYOUT 2.

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eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-218576-2
Client Project/Site: National Grid-Downstate Glenwood Landing

For:
GEI Consultants, Inc.
1000 New York Avenue
Huntington Station, New York 11746

Attn: Christopher Morris

Melissa Haas

Authorized for release by:
9/25/2020 12:55:27 PM

Melissa Haas, Senior Project Manager
(203)308-0880
Melissa.Haas@Eurofinset.com

LINKS

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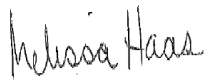
The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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.



Melissa Haas
Senior Project Manager
9/25/2020 12:55:27 PM

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Sample Summary 10
Receipt Checklists 11

Definitions/Glossary

Client: GEI Consultants, Inc. Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Qualifiers

General Chemistry

Qualifier	Qualifier Description
U	Indicates 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

Job ID: 460-218576-2

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-218576-2

Comments
No additional comments.

Receipt
The samples were received on 9/17/2020 6:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

Receipt Exceptions

The following samples were activated for total cyanide analysis by the client on 9/24/2020: WC-1 (460-218576-1) and WC-2 (460-218576-2). This analysis was not originally requested on the chain-of-custody (COC).

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: GEI Consultants, Inc.
Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Client Sample ID: WC-1
Lab Sample ID: 460-218576-1
Date Collected: 09/17/20 08:45
Matrix: Solid
Date Received: 09/17/20 18:30
Percent Solids: 94.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.23	U	0.23	0.12	mg/Kg	☼	09/25/20 10:01	09/25/20 11:22	1

Client Sample ID: WC-2
Lab Sample ID: 460-218576-2
Date Collected: 09/17/20 09:40
Matrix: Solid
Date Received: 09/17/20 18:30
Percent Solids: 95.3

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.25	U	0.25	0.13	mg/Kg	☼	09/25/20 10:01	09/25/20 11:23	1

Lab Chronicle

Client: GEI Consultants, Inc.
Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Client Sample ID: WC-1
Lab Sample ID: 460-218576-1
Date Collected: 09/17/20 08:45
Matrix: Solid
Date Received: 09/17/20 18:30
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012B			726726	09/25/20 10:01	IAA	TAL EDI
Total/NA	Analysis	9012B		1	726759	09/25/20 11:22	HTV	TAL EDI

Client Sample ID: WC-2
Lab Sample ID: 460-218576-2
Date Collected: 09/17/20 09:40
Matrix: Solid
Date Received: 09/17/20 18:30
Percent Solids: 95.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	9012B			726726	09/25/20 10:01	IAA	TAL EDI
Total/NA	Analysis	9012B		1	726759	09/25/20 11:23	HTV	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants, Inc.
Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-21

Method Summary

Client: GEI Consultants, Inc.
Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Method	Method Description	Protocol	Laboratory
9012B	Cyanide, Total andor Amenable	SW846	TAL EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	TAL EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GEI Consultants, Inc.
Job ID: 460-218576-2
Project/Site: National Grid-Downstate Glenwood Landing

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-218576-1	WC-1	Solid	09/17/20 08:45	09/17/20 18:30	
460-218576-2	WC-2	Solid	09/17/20 09:40	09/17/20 18:30	

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 460-218576-2

Login Number: 218576
List Number: 1
Creator: Lysy, Susan

List Source: Eurofins TestAmerica, Edison

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

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ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-219155-2
Client Project/Site: National Grid-Downstate Glenwood Landing

For:
GEI Consultants, Inc.
1000 New York Avenue
Huntington Station, New York 11746

Attn: Christopher Morris

Melissa Haas

Authorized for release by:
10/1/2020 4:22:32 PM

Melissa Haas, Senior Project Manager
(203)308-0880
Melissa.Haas@Eurofinset.com

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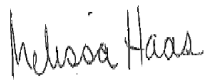
This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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.



Melissa Haas
Senior Project Manager
10/1/2020 4:22:32 PM

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Definitions/Glossary

Client: GEI Consultants, Inc. Job ID: 460-219155-2
Project/Site: National Grid-Downstate Glenwood Landing

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: GEI Consultants, Inc. Job ID: 460-219155-2
Project/Site: National Grid-Downstate Glenwood Landing

Job ID: 460-219155-2

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-219155-2

Comments
No additional comments.

Receipt
The samples were received on 9/25/2020 6:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

Receipt Exceptions

EOX analysis was moved to a -2 job to be reported separately from the other analyses.

Subcontract Work
Method EOX by 9023: This method was subcontracted to Hampton-Clarke, Inc. The subcontract laboratory certification is different from that of the facility issuing the final report.

Method Summary

Client: GEI Consultants, Inc.
Job ID: 460-219155-2
Project/Site: National Grid-Downstate Glenwood Landing

Method	Method Description	Protocol	Laboratory
Subcontract	EOX by 9023	None	H-C Inc

Protocol References:

None = None

Laboratory References:

H-C Inc = Hampton-Clarke, Inc, 175 Route 46 West, Unit D, Fairfield, NJ 07004

Sample Summary

Client: GEI Consultants, Inc.
Job ID: 460-219155-2
Project/Site: National Grid-Downstate Glenwood Landing

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-219155-1	WC-3	Solid	09/25/20 08:00	09/25/20 18:30	
460-219155-2	WC-4	Solid	09/25/20 09:25	09/25/20 18:30	
460-219155-3	WC-5	Solid	09/25/20 12:45	09/25/20 18:30	

Hampton-Clarke Report Of Analysis

Client: Test America Inc.
HC Project #: 0093008
Project: National Grid-Downstate

Sample ID: WC-3 (460-219155-1)
Lab#: AD19523-001
Matrix: Solid
Collection Date: 9/25/2020
Receipt Date: 9/30/2020

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		96

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	8.7	ND

Sample ID: WC-4 (460-219155-2)
Lab#: AD19523-002
Matrix: Solid

Collection Date: 9/25/2020
Receipt Date: 9/30/2020

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		96

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	8.6	ND

Sample ID: WC-5 (460-219155-3)
Lab#: AD19523-003
Matrix: Solid

Collection Date: 9/25/2020
Receipt Date: 9/30/2020

% Solids SM2540G

Analyte	DF	Units	RL	Result
%Solids	1	percent		97

Total Organic Halide 9023

Analyte	DF	Units	RL	Result
Total Organic Halogen	1	mg/kg	8.7	ND

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

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0093008

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-59572.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Melissa.Haas@Eurofinset.com	State of Origin: New York	Page: Page 1 of 1
Company: Hampton-Clarke, Inc		Accreditations Required (See note): NELAP - New York		Job #: 460-219155-1
Address: 175 Route 46 West, Unit D,	Due Date Requested: 9/30/2020			
City: Fairfield	TAT Requested (days):			
State, Zip: NJ, 07004				
Phone:	PO #:			
Email:	WO #:			
Project Name: National Grid-Downstate Glenwood Landing	Project #: 46033365			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

	Sample Identification - Client ID (Lab ID) AD19523	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	SUB (EOX by 9023)/ EOX by 9023	Special Instructions/Note:
				Preservation Code:			
001	WC-3 (460-219155-1)	9/25/20	08:00 Eastern		Solid	X	
002	WC-4 (460-219155-2)	9/25/20	09:25 Eastern		Solid	X	
003	WC-5 (460-219155-3)	9/25/20	12:45 Eastern		Solid	X	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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 TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

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:	Company	Received by:	Date/Time:	Company
1	Ken	9/28/20 1930	TAL	Tasha Smith	9/30/20 0845	TAEST
2	Tasha Smith	9/30/20 1205	TAEST		9/30/20 1206	EC
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.8

Ver: 01/16/2019

10/1/2020

Chain of Custody Record 452210

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: TAL-8210

Client Contact	Project Manager: Chris Morris	Site Contact: Chris Morris	Date: 9/25/20	COC No:
Company Name: GEI Consultants Inc.	Tel/Email: CMorris@geiconsultants.com	Lab Contact: Melissa Haas	Carrier: NYC 222	1 of 1 COCs
Address: 1000 New York Ave.	Analysis Turnaround Time			Sampler: C. Hayes
City/State/Zip: Huntington Station NY. 11746	☐ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
Phone: (631) 484-9152	TAT if different from Below 3 Days			Walk-in Client:
Fax:	☐ 2 weeks ☐ 1 week ☐ 2 days ☐ 1 day			Lab Sampling:
Project Name: Glenwood Landing				Job / SDG No.: 219153
Site:				
PO# 1702897.31.25				

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	TCL SRS VOC - 8260C	TCL SRS SVOC - Nitrobenzene-8270C	PCBs - 8082A	TAL Metals - 6010B	Mercury (CVAA) - 7471B	Herbicides - 8151A	TCL SRS Pesticides - 8081B	pH - 9045D	Cyanide, Reactive - 9014 Reactive	Sulfide, Reactive - 9034 Reactive	Flashpoint - 1010A	FOX - 9023	Total Cyanide	Sample Specific Notes:
WC-3	9/25/20	0800	Comp	S	7			X	X	X	X	X	X	X	X	X	X	X	X	X	1
WC-4	9/25/20	0925	Comp	S	7			X	X	X	X	X	X	X	X	X	X	X	X	X	2
WC-5	9/25/20	1245	Comp	S	7			X	X	X	X	X	X	X	X	X	X	X	X	X	3

460-219155 Chain of Custody

SHORT HOLD

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.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by: Craig Hayes	Company: GEI	Date/Time: 9/25/20 1300	Received by:	Company:	Date/Time: 9/25/20 1300
Relinquished by:	Company:	Date/Time: 9/25 1600	Received by: Lamar	Company:	Date/Time: 9/25/20 1600
Relinquished by: Lamar	Company:	Date/Time: 9/25/20 1830	Received in Laboratory by:	Company: FEDEX	Date/Time: 9/25/20 1830

J-8 IR1C

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 219155

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.8 ℃	℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

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

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

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

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

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

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

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

Initials: [signature] Date: 8-25-20

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Haas, Melissa	Carrier Tracking No(s):	COC No: 460-59567.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Melissa.Haas@Eurofinset.com	State of Origin: New York	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - New York		Job #: 460-219155-1
Address: 10 Hazelwood Drive, ,	Due Date Requested: 9/30/2020			
City: Amherst	TAT Requested (days):			
State, Zip: NY, 14228-2298				
Phone: 716-691-2600(Tel) 716-691-7991(Fax)	PO #:			
Email:	WO #:			
Project Name: National Grid-Downstate Glenwood Landing	Project #: 46033365			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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)	1010A/ Flashpoint	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WC-3 (460-219155-1)	9/25/20	08:00 Eastern		Solid			X	1	
WC-4 (460-219155-2)	9/25/20	09:25 Eastern		Solid			X	1	
WC-5 (460-219155-3)	9/25/20	12:45 Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out 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 TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

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:	Company	Received by:	Date/Time:	Company
1	[signature]	9/28/20 1700	TAL			
2	[signature]	9/29/20 1700		[signature] via FedEx	9/30/20 1000	ET AEL
3						

Custody Seals Intact: X Yes Δ No	Custody Seal No.: 1149920	Cooler Temperature(s) °C and Other Remarks: 3.6°C IR11

Ver: 01/16/2019

10/1/2020

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 460-219155-2

Login Number: 219155
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

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

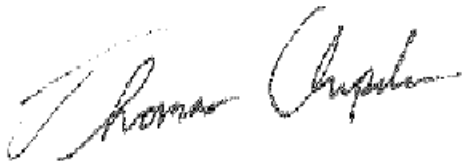
ANALYTICAL REPORT

Job Number: 460-219360-1

Job Description: National Grid-Downstate Glenwood Landing

For:
GEI Consultants, Inc.
1000 New York Avenue
Huntington Station, NY 11746

Attention: Christopher Morris



Approved for release.
Thomas A Chupela
Project Management Assistant I
10/2/2020 9:38 AM

Designee for
Melissa Haas, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(203)308-0880
Melissa.Haas@Eurofinset.com
10/02/2020

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

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 TestAmerica Project Manager.

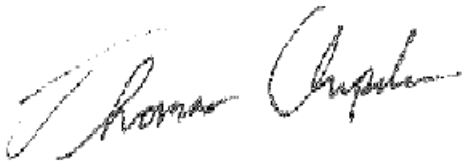
This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Eurofins TestAmerica, Edison
777 New Durham Road, Edison, NJ 08817
Tel (732) 549-3900 Fax (732) 549-3679 www.testamericainc.com

Job Number: 460-219360-1

Job Description: National Grid-Downstate Glenwood Landing

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.



Approved for release.
Thomas A Chupela
Project Management Assistant I
10/2/2020 9:38 AM

Designee for
Melissa Haas

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CASE NARRATIVE

Client: GEI Consultants, Inc.

Project: National Grid-Downstate Glenwood Landing

Report Number: 460-219360-1

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 9/29/2020 6:30 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º 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.

VOLATILE ORGANIC COMPOUNDS (GC-MS)
Samples GL-DS-092920-1 (460-219360-1), GL-DS-092920-2 (460-219360-2), GL-DS-092920-3 (460-219360-3), GL-DS-092920-4 (460-219360-4), GL-DS-092920-5 (460-219360-5), GL-DS-092920-6 (460-219360-6), GL-DS-092920-7 (460-219360-7) and TB-092920 (460-219360-8) were analyzed for Volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260C. The samples were prepared on 09/30/2020 and analyzed on 10/01/2020.

No difficulties were encountered during the volatiles analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples GL-DS-092920-1 (460-219360-1), GL-DS-092920-2 (460-219360-2), GL-DS-092920-3 (460-219360-3), GL-DS-092920-4 (460-219360-4), GL-DS-092920-5 (460-219360-5), GL-DS-092920-6 (460-219360-6) and GL-DS-092920-7 (460-219360-7) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 09/30/2020.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-219360-1	GL-DS-092920-1	Solid	09/29/20 10:40	09/29/20 18:30	
460-219360-2	GL-DS-092920-2	Solid	09/29/20 10:45	09/29/20 18:30	
460-219360-3	GL-DS-092920-3	Solid	09/29/20 10:50	09/29/20 18:30	
460-219360-4	GL-DS-092920-4	Solid	09/29/20 10:55	09/29/20 18:30	
460-219360-5	GL-DS-092920-5	Solid	09/29/20 11:00	09/29/20 18:30	
460-219360-6	GL-DS-092920-6	Solid	09/29/20 11:05	09/29/20 18:30	
460-219360-7	GL-DS-092920-7	Solid	09/29/20 11:10	09/29/20 18:30	
460-219360-8	TB-092920	Solid	09/29/20 11:45	09/29/20 18:30	

Detection Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Client Sample ID: GL-DS-092920-1 Lab Sample ID: 460-219360-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00059		0.00045	0.00021	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00033	J	0.00045	0.00011	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-2 Lab Sample ID: 460-219360-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00080		0.00041	0.00019	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00019	J	0.00041	0.000096	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-3 Lab Sample ID: 460-219360-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00072		0.00042	0.00020	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00041	J	0.00042	0.000099	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-4 Lab Sample ID: 460-219360-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00039		0.00038	0.00018	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00036	J	0.00038	0.000088	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-5 Lab Sample ID: 460-219360-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00034	J	0.00049	0.00023	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00071		0.00049	0.00011	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-6 Lab Sample ID: 460-219360-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.0021	0.0020	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.00027	J	0.00036	0.000051	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.000094	J	0.00036	0.000084	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: GL-DS-092920-7 Lab Sample ID: 460-219360-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.00058		0.00044	0.00020	mg/Kg	1	☼	8260C	Total/NA
Tetrachloroethene	0.000095	J	0.00044	0.000062	mg/Kg	1	☼	8260C	Total/NA
Toluene	0.00034	J	0.00044	0.00010	mg/Kg	1	☼	8260C	Total/NA

Client Sample ID: TB-092920 Lab Sample ID: 460-219360-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.057		0.0060	0.0057	mg/Kg	1		8260C	Total/NA
Methylene Chloride	0.0017		0.0010	0.00046	mg/Kg	1		8260C	Total/NA
m-Xylene & p-Xylene	0.00018	J	0.0010	0.00017	mg/Kg	1		8260C	Total/NA
Toluene	0.0022		0.0010	0.00023	mg/Kg	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL EDI
Moisture	Percent Moisture	EPA	TAL EDI
5035	Closed System Purge and Trap	SW846	TAL EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Client Sample ID: GL-DS-092920-1 Lab Sample ID: 460-219360-1

Date Collected: 09/29/20 10:40 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 98.0**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00045	U	0.00045	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,1,2,2-Tetrachloroethane	0.00045	U	0.00045	0.000097	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00045	U	0.00045	0.00014	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,1,2-Trichloroethane	0.00045	U	0.00045	0.000081	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,1-Dichloroethane	0.00045	U	0.00045	0.000094	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,1-Dichloroethene	0.00045	U	0.00045	0.00010	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2,3-Trichlorobenzene	0.00045	U	0.00045	0.000082	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2,4-Trichlorobenzene	0.00045	U	0.00045	0.00016	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2-Dibromo-3-Chloropropane	0.00045	U	0.00045	0.00021	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2-Dichlorobenzene	0.00045	U	0.00045	0.000065	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2-Dichloroethane	0.00045	U	0.00045	0.00013	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,2-Dichloropropane	0.00045	U	0.00045	0.00019	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,3-Dichlorobenzene	0.00045	U	0.00045	0.000072	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,4-Dichlorobenzene	0.00045	U	0.00045	0.00010	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
1,4-Dioxane	0.0091	U	0.0091	0.0042	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
2-Butanone (MEK)	0.0023	U	0.0023	0.0012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
2-Hexanone	0.0023	U	0.0023	0.00078	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0023	0.00071	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Acetone	0.0027	U	0.0027	0.0026	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Acrolein	0.045	U	0.045	0.013	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Acrylonitrile	0.0045	U	0.0045	0.00074	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Benzene	0.00045	U	0.00045	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Bromoform	0.00045	U	0.00045	0.00019	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Bromomethane	0.00045	U	0.00045	0.00022	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Carbon disulfide	0.00045	U	0.00045	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Carbon tetrachloride	0.00045	U	0.00045	0.00018	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chlorobenzene	0.00045	U	0.00045	0.000080	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chlorobromomethane	0.00045	U	0.00045	0.00013	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chlorodibromomethane	0.00045	U	0.00045	0.000088	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chloroethane	0.00045	U	0.00045	0.00024	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chloroform	0.00045	U	0.00045	0.00014	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Chloromethane	0.00045	U	0.00045	0.00020	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
cis-1,2-Dichloroethene	0.00045	U	0.00045	0.000069	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
cis-1,3-Dichloropropene	0.00045	U	0.00045	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Cyclohexane	0.00045	U	0.00045	0.00010	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Dichlorobromomethane	0.00045	U	0.00045	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Dichlorodifluoromethane	0.00045	U	0.00045	0.00015	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Ethylbenzene	0.00045	U	0.00045	0.000090	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Ethylene Dibromide	0.00045	U	0.00045	0.000082	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Isopropylbenzene	0.00045	U	0.00045	0.000057	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Methyl acetate	0.0023	U	0.0023	0.0020	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Methyl tert-butyl ether	0.00045	U	0.00045	0.000057	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Methylcyclohexane	0.00045	U	0.00045	0.00023	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Methylene Chloride	**0.00059**		0.00045	0.00021	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
m-Xylene & p-Xylene	0.00045	U	0.00045	0.000079	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
o-Xylene	0.00045	U	0.00045	0.000088	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Styrene	0.00045	U	0.00045	0.00013	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
TBA	0.0045	U	0.0045	0.0015	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Tetrachloroethene	0.00045	U	0.00045	0.000065	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1

Client Sample ID: GL-DS-092920-1 — Lab Sample ID: 460-219360-1

Date Collected: 09/29/20 10:40 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00033**	**J**	0.00045	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
trans-1,2-Dichloroethene	0.00045	U	0.00045	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
trans-1,3-Dichloropropene	0.00045	U	0.00045	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Trichloroethene	0.00045	U	0.00045	0.000065	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Trichlorofluoromethane	0.00045	U	0.00045	0.00018	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1
Vinyl chloride	0.00045	U	0.00045	0.00025	mg/Kg	☼	09/30/20 19:09	10/01/20 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*129*		*77 - 145*	*09/30/20 19:09*	*10/01/20 02:58*	*1*
4-Bromofluorobenzene	*108*		*79 - 125*	*09/30/20 19:09*	*10/01/20 02:58*	*1*
Dibromofluoromethane (Surr)	*116*		*48 - 150*	*09/30/20 19:09*	*10/01/20 02:58*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*	*09/30/20 19:09*	*10/01/20 02:58*	*1*

Client Sample ID: GL-DS-092920-2 — Lab Sample ID: 460-219360-2

Date Collected: 09/29/20 10:45 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.4**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00041	U	0.00041	0.000096	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,1,2,2-Tetrachloroethane	0.00041	U	0.00041	0.000088	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00041	U	0.00041	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,1,2-Trichloroethane	0.00041	U	0.00041	0.000073	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,1-Dichloroethane	0.00041	U	0.00041	0.000085	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,1-Dichloroethene	0.00041	U	0.00041	0.000093	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2,3-Trichlorobenzene	0.00041	U	0.00041	0.000075	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2,4-Trichlorobenzene	0.00041	U	0.00041	0.00015	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2-Dibromo-3-Chloropropane	0.00041	U	0.00041	0.00019	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2-Dichlorobenzene	0.00041	U	0.00041	0.000059	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2-Dichloroethane	0.00041	U	0.00041	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,2-Dichloropropane	0.00041	U	0.00041	0.00017	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,3-Dichlorobenzene	0.00041	U	0.00041	0.000065	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,4-Dichlorobenzene	0.00041	U	0.00041	0.000093	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
1,4-Dioxane	0.0082	U	0.0082	0.0038	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
2-Butanone (MEK)	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
2-Hexanone	0.0021	U	0.0021	0.00070	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0021	0.00064	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Acetone	0.0025	U	0.0025	0.0024	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Acrolein	0.041	U	0.041	0.012	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Acrylonitrile	0.0041	U	0.0041	0.00068	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Benzene	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Bromoform	0.00041	U	0.00041	0.00017	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Bromomethane	0.00041	U	0.00041	0.00020	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Carbon disulfide	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Carbon tetrachloride	0.00041	U	0.00041	0.00016	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Chlorobenzene	0.00041	U	0.00041	0.000073	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Chlorobromomethane	0.00041	U	0.00041	0.00012	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Chlorodibromomethane	0.00041	U	0.00041	0.000080	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Chloroethane	0.00041	U	0.00041	0.00021	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Chloroform	0.00041	U	0.00041	0.00013	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1

Client Sample ID: GL-DS-092920-2 — Lab Sample ID: 460-219360-2

Date Collected: 09/29/20 10:45 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00041	U	0.00041	0.00018	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
cis-1,2-Dichloroethene	0.00041	U	0.00041	0.000063	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
cis-1,3-Dichloropropene	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Cyclohexane	0.00041	U	0.00041	0.000091	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Dichlorobromomethane	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Dichlorodifluoromethane	0.00041	U	0.00041	0.00014	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Ethylbenzene	0.00041	U	0.00041	0.000082	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Ethylene Dibromide	0.00041	U	0.00041	0.000074	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Isopropylbenzene	0.00041	U	0.00041	0.000052	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Methyl acetate	0.0021	U	0.0021	0.0018	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Methyl tert-butyl ether	0.00041	U	0.00041	0.000051	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Methylcyclohexane	0.00041	U	0.00041	0.00021	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Methylene Chloride	**0.00080**		0.00041	0.00019	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
m-Xylene & p-Xylene	0.00041	U	0.00041	0.000072	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
o-Xylene	0.00041	U	0.00041	0.000080	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Styrene	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
TBA	0.0041	U	0.0041	0.0014	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Tetrachloroethene	0.00041	U	0.00041	0.000059	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Toluene	**0.00019**	**J**	0.00041	0.000096	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
trans-1,2-Dichloroethene	0.00041	U	0.00041	0.00010	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
trans-1,3-Dichloropropene	0.00041	U	0.00041	0.00011	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Trichloroethene	0.00041	U	0.00041	0.000059	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Trichlorofluoromethane	0.00041	U	0.00041	0.00017	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1
Vinyl chloride	0.00041	U	0.00041	0.00022	mg/Kg	☼	09/30/20 19:09	10/01/20 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*77 - 145*	*09/30/20 19:09*	*10/01/20 03:26*	*1*
4-Bromofluorobenzene	*105*		*79 - 125*	*09/30/20 19:09*	*10/01/20 03:26*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*09/30/20 19:09*	*10/01/20 03:26*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*09/30/20 19:09*	*10/01/20 03:26*	*1*

Client Sample ID: GL-DS-092920-3 — Lab Sample ID: 460-219360-3

Date Collected: 09/29/20 10:50 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.0**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00042	U	0.00042	0.000099	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,1,2,2-Tetrachloroethane	0.00042	U	0.00042	0.000091	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,1,2-Trichloroethane	0.00042	U	0.00042	0.000076	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,1-Dichloroethane	0.00042	U	0.00042	0.000087	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,1-Dichloroethene	0.00042	U	0.00042	0.000096	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2,3-Trichlorobenzene	0.00042	U	0.00042	0.000077	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2,4-Trichlorobenzene	0.00042	U	0.00042	0.00015	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2-Dibromo-3-Chloropropane	0.00042	U	0.00042	0.00020	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2-Dichlorobenzene	0.00042	U	0.00042	0.000061	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2-Dichloroethane	0.00042	U	0.00042	0.00013	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,2-Dichloropropane	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,3-Dichlorobenzene	0.00042	U	0.00042	0.000068	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1

Client Sample ID: GL-DS-092920-3 Lab Sample ID: 460-219360-3

Date Collected: 09/29/20 10:50 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 98.0**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00042	U	0.00042	0.000096	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
1,4-Dioxane	0.0085	U	0.0085	0.0039	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
2-Butanone (MEK)	0.0021	U	0.0021	0.0011	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
2-Hexanone	0.0021	U	0.0021	0.00073	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0021	0.00066	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Acetone	0.0025	U	0.0025	0.0024	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Acrolein	0.042	U	0.042	0.012	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Acrylonitrile	0.0042	U	0.0042	0.00070	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Benzene	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Bromoform	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Bromomethane	0.00042	U	0.00042	0.00020	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Carbon disulfide	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Carbon tetrachloride	0.00042	U	0.00042	0.00016	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chlorobenzene	0.00042	U	0.00042	0.000075	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chlorobromomethane	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chlorodibromomethane	0.00042	U	0.00042	0.000082	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chloroethane	0.00042	U	0.00042	0.00022	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chloroform	0.00042	U	0.00042	0.00014	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Chloromethane	0.00042	U	0.00042	0.00018	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
cis-1,2-Dichloroethene	0.00042	U	0.00042	0.000065	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
cis-1,3-Dichloropropene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Cyclohexane	0.00042	U	0.00042	0.000094	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Dichlorobromomethane	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Dichlorodifluoromethane	0.00042	U	0.00042	0.00014	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Ethylbenzene	0.00042	U	0.00042	0.000084	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Ethylene Dibromide	0.00042	U	0.00042	0.000076	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Isopropylbenzene	0.00042	U	0.00042	0.000054	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Methyl acetate	0.0021	U	0.0021	0.0018	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Methyl tert-butyl ether	0.00042	U	0.00042	0.000053	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Methylcyclohexane	0.00042	U	0.00042	0.00021	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Methylene Chloride	**0.00072**		0.00042	0.00020	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
m-Xylene & p-Xylene	0.00042	U	0.00042	0.000074	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
o-Xylene	0.00042	U	0.00042	0.000082	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Styrene	0.00042	U	0.00042	0.00012	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
TBA	0.0042	U	0.0042	0.0014	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Tetrachloroethene	0.00042	U	0.00042	0.000061	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Toluene	**0.00041**	**J**	0.00042	0.000099	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
trans-1,2-Dichloroethene	0.00042	U	0.00042	0.00010	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
trans-1,3-Dichloropropene	0.00042	U	0.00042	0.00011	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Trichloroethene	0.00042	U	0.00042	0.000061	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Trichlorofluoromethane	0.00042	U	0.00042	0.00017	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1
Vinyl chloride	0.00042	U	0.00042	0.00023	mg/Kg	☼	09/30/20 19:10	10/01/20 03:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*77 - 145*	*09/30/20 19:10*	*10/01/20 03:54*	*1*
4-Bromofluorobenzene	*102*		*79 - 125*	*09/30/20 19:10*	*10/01/20 03:54*	*1*
Dibromofluoromethane (Surr)	*113*		*48 - 150*	*09/30/20 19:10*	*10/01/20 03:54*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*09/30/20 19:10*	*10/01/20 03:54*	*1*

Client Sample ID: GL-DS-092920-4 Lab Sample ID: 460-219360-4

Date Collected: 09/29/20 10:55 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 98.6**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00038	U	0.00038	0.000088	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,1,2,2-Tetrachloroethane	0.00038	U	0.00038	0.000081	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,1,2-Trichloroethane	0.00038	U	0.00038	0.000067	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,1-Dichloroethane	0.00038	U	0.00038	0.000078	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,1-Dichloroethene	0.00038	U	0.00038	0.000085	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2,3-Trichlorobenzene	0.00038	U	0.00038	0.000068	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2,4-Trichlorobenzene	0.00038	U	0.00038	0.00014	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2-Dibromo-3-Chloropropane	0.00038	U	0.00038	0.00017	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2-Dichlorobenzene	0.00038	U	0.00038	0.000054	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2-Dichloroethane	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,2-Dichloropropane	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,3-Dichlorobenzene	0.00038	U	0.00038	0.000060	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,4-Dichlorobenzene	0.00038	U	0.00038	0.000085	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
1,4-Dioxane	0.0076	U	0.0076	0.0035	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
2-Butanone (MEK)	0.0019	U	0.0019	0.0010	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
2-Hexanone	0.0019	U	0.0019	0.00065	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0019	0.00059	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Acetone	0.0023	U	0.0023	0.0022	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Acrolein	0.038	U	0.038	0.011	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Acrylonitrile	0.0038	U	0.0038	0.00062	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Benzene	0.00038	U	0.00038	0.000098	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Bromoform	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Bromomethane	0.00038	U	0.00038	0.00018	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Carbon disulfide	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Carbon tetrachloride	0.00038	U	0.00038	0.00015	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chlorobenzene	0.00038	U	0.00038	0.000067	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chlorobromomethane	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chlorodibromomethane	0.00038	U	0.00038	0.000073	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chloroethane	0.00038	U	0.00038	0.00020	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chloroform	0.00038	U	0.00038	0.00012	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Chloromethane	0.00038	U	0.00038	0.00016	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
cis-1,2-Dichloroethene	0.00038	U	0.00038	0.000057	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
cis-1,3-Dichloropropene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Cyclohexane	0.00038	U	0.00038	0.000084	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Dichlorobromomethane	0.00038	U	0.00038	0.000097	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Dichlorodifluoromethane	0.00038	U	0.00038	0.00013	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Ethylbenzene	0.00038	U	0.00038	0.000075	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Ethylene Dibromide	0.00038	U	0.00038	0.000068	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Isopropylbenzene	0.00038	U	0.00038	0.000048	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Methyl acetate	0.0019	U	0.0019	0.0016	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Methyl tert-butyl ether	0.00038	U	0.00038	0.000047	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Methylcyclohexane	0.00038	U	0.00038	0.00019	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Methylene Chloride	**0.00039**		0.00038	0.00018	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
m-Xylene & p-Xylene	0.00038	U	0.00038	0.000066	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
o-Xylene	0.00038	U	0.00038	0.000073	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Styrene	0.00038	U	0.00038	0.00011	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
TBA	0.0038	U	0.0038	0.0012	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Tetrachloroethene	0.00038	U	0.00038	0.000054	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1

Client Sample ID: GL-DS-092920-4 — Lab Sample ID: 460-219360-4

Date Collected: 09/29/20 10:55 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00036**	**J**	0.00038	0.000088	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
trans-1,2-Dichloroethene	0.00038	U	0.00038	0.000093	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
trans-1,3-Dichloropropene	0.00038	U	0.00038	0.00010	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Trichloroethene	0.00038	U	0.00038	0.000054	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Trichlorofluoromethane	0.00038	U	0.00038	0.00015	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1
Vinyl chloride	0.00038	U	0.00038	0.00021	mg/Kg	☼	09/30/20 19:11	10/01/20 04:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*128*		*77 - 145*	*09/30/20 19:11*	*10/01/20 04:21*	*1*
4-Bromofluorobenzene	*106*		*79 - 125*	*09/30/20 19:11*	*10/01/20 04:21*	*1*
Dibromofluoromethane (Surr)	*116*		*48 - 150*	*09/30/20 19:11*	*10/01/20 04:21*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*09/30/20 19:11*	*10/01/20 04:21*	*1*

Client Sample ID: GL-DS-092920-5 — Lab Sample ID: 460-219360-5

Date Collected: 09/29/20 11:00 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 95.2**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00049	U	0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,1,2,2-Tetrachloroethane	0.00049	U	0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00049	U	0.00049	0.00015	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,1,2-Trichloroethane	0.00049	U	0.00049	0.000087	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,1-Dichloroethane	0.00049	U	0.00049	0.00010	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,1-Dichloroethene	0.00049	U	0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2,3-Trichlorobenzene	0.00049	U	0.00049	0.000089	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2,4-Trichlorobenzene	0.00049	U	0.00049	0.00018	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2-Dibromo-3-Chloropropane	0.00049	U	0.00049	0.00023	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2-Dichlorobenzene	0.00049	U	0.00049	0.000071	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2-Dichloroethane	0.00049	U	0.00049	0.00015	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,2-Dichloropropane	0.00049	U	0.00049	0.00021	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,3-Dichlorobenzene	0.00049	U	0.00049	0.000078	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,4-Dichlorobenzene	0.00049	U	0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
1,4-Dioxane	0.0098	U	0.0098	0.0045	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
2-Butanone (MEK)	0.0025	U	0.0025	0.0013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
2-Hexanone	0.0025	U	0.0025	0.00084	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
4-Methyl-2-pentanone (MIBK)	0.0025	U	0.0025	0.00076	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Acetone	0.0029	U	0.0029	0.0028	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Acrolein	0.049	U	0.049	0.014	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Acrylonitrile	0.0049	U	0.0049	0.00080	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Benzene	0.00049	U	0.00049	0.00013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Bromoform	0.00049	U	0.00049	0.00021	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Bromomethane	0.00049	U	0.00049	0.00023	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Carbon disulfide	0.00049	U	0.00049	0.00013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Carbon tetrachloride	0.00049	U	0.00049	0.00019	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Chlorobenzene	0.00049	U	0.00049	0.000087	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Chlorobromomethane	0.00049	U	0.00049	0.00014	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Chlorodibromomethane	0.00049	U	0.00049	0.000095	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Chloroethane	0.00049	U	0.00049	0.00026	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Chloroform	0.00049	U	0.00049	0.00016	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1

Client Sample ID: GL-DS-092920-5 — Lab Sample ID: 460-219360-5

Date Collected: 09/29/20 11:00 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 95.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.00049	U	0.00049	0.00021	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
cis-1,2-Dichloroethene	0.00049	U	0.00049	0.000075	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
cis-1,3-Dichloropropene	0.00049	U	0.00049	0.00013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Cyclohexane	0.00049	U	0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Dichlorobromomethane	0.00049	U	0.00049	0.00013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Dichlorodifluoromethane	0.00049	U	0.00049	0.00017	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Ethylbenzene	0.00049	U	0.00049	0.000098	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Ethylene Dibromide	0.00049	U	0.00049	0.000088	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Isopropylbenzene	0.00049	U	0.00049	0.000062	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Methyl acetate	0.0025	U	0.0025	0.0021	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Methyl tert-butyl ether	0.00049	U	0.00049	0.000061	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Methylcyclohexane	0.00049	U	0.00049	0.00024	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Methylene Chloride	**0.00034**	**J**	0.00049	0.00023	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
m-Xylene & p-Xylene	0.00049	U	0.00049	0.000085	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
o-Xylene	0.00049	U	0.00049	0.000095	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Styrene	0.00049	U	0.00049	0.00014	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
TBA	0.0049	U	0.0049	0.0016	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Tetrachloroethene	0.00049	U	0.00049	0.000070	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Toluene	**0.00071**		0.00049	0.00011	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
trans-1,2-Dichloroethene	0.00049	U	0.00049	0.00012	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
trans-1,3-Dichloropropene	0.00049	U	0.00049	0.00013	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Trichloroethene	0.00049	U	0.00049	0.000071	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Trichlorofluoromethane	0.00049	U	0.00049	0.00020	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1
Vinyl chloride	0.00049	U	0.00049	0.00027	mg/Kg	☼	09/30/20 19:12	10/01/20 04:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*77 - 145*	*09/30/20 19:12*	*10/01/20 04:49*	*1*
4-Bromofluorobenzene	*117*		*79 - 125*	*09/30/20 19:12*	*10/01/20 04:49*	*1*
Dibromofluoromethane (Surr)	*118*		*48 - 150*	*09/30/20 19:12*	*10/01/20 04:49*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*09/30/20 19:12*	*10/01/20 04:49*	*1*

Client Sample ID: GL-DS-092920-6 — Lab Sample ID: 460-219360-6

Date Collected: 09/29/20 11:05 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 97.4**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00036	U	0.00036	0.000083	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,1,2,2-Tetrachloroethane	0.00036	U	0.00036	0.000077	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U	0.00036	0.00011	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,1,2-Trichloroethane	0.00036	U	0.00036	0.000064	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,1-Dichloroethane	0.00036	U	0.00036	0.000074	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,1-Dichloroethene	0.00036	U	0.00036	0.000080	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2,3-Trichlorobenzene	0.00036	U	0.00036	0.000065	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2,4-Trichlorobenzene	0.00036	U	0.00036	0.00013	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2-Dibromo-3-Chloropropane	0.00036	U	0.00036	0.00016	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2-Dichlorobenzene	0.00036	U	0.00036	0.000051	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2-Dichloroethane	0.00036	U	0.00036	0.00011	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,2-Dichloropropane	0.00036	U	0.00036	0.00015	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,3-Dichlorobenzene	0.00036	U	0.00036	0.000057	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1

Client Sample ID: GL-DS-092920-6 Lab Sample ID: 460-219360-6

Date Collected: 09/29/20 11:05 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 97.4**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	0.00036	U	0.00036	0.000080	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
1,4-Dioxane	0.0072	U	0.0072	0.0033	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
2-Butanone (MEK)	0.0018	U	0.0018	0.00097	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
2-Hexanone	0.0018	U	0.0018	0.00061	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0018	0.00056	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Acetone	**0.028**		0.0021	0.0020	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Acrolein	0.036	U	0.036	0.010	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Acrylonitrile	0.0036	U	0.0036	0.00059	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Benzene	0.00036	U	0.00036	0.000092	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Bromoform	0.00036	U	0.00036	0.00015	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Bromomethane	0.00036	U	0.00036	0.00017	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Carbon disulfide	0.00036	U	0.00036	0.000095	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Carbon tetrachloride	0.00036	U	0.00036	0.00014	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chlorobenzene	0.00036	U	0.00036	0.000063	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chlorobromomethane	0.00036	U	0.00036	0.00010	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chlorodibromomethane	0.00036	U	0.00036	0.000069	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chloroethane	0.00036	U	0.00036	0.00019	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chloroform	0.00036	U	0.00036	0.00011	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Chloromethane	0.00036	U	0.00036	0.00016	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
cis-1,2-Dichloroethene	0.00036	U	0.00036	0.000054	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
cis-1,3-Dichloropropene	0.00036	U	0.00036	0.000098	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Cyclohexane	0.00036	U	0.00036	0.000079	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Dichlorobromomethane	0.00036	U	0.00036	0.000092	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Dichlorodifluoromethane	0.00036	U	0.00036	0.00012	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Ethylbenzene	0.00036	U	0.00036	0.000071	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Ethylene Dibromide	0.00036	U	0.00036	0.000064	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Isopropylbenzene	0.00036	U	0.00036	0.000045	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Methyl acetate	0.0018	U	0.0018	0.0015	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Methyl tert-butyl ether	0.00036	U	0.00036	0.000045	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Methylcyclohexane	0.00036	U	0.00036	0.00018	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Methylene Chloride	0.00036	U	0.00036	0.00017	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
m-Xylene & p-Xylene	0.00036	U	0.00036	0.000062	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
o-Xylene	0.00036	U	0.00036	0.000069	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Styrene	0.00036	U	0.00036	0.000099	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
TBA	0.0036	U	0.0036	0.0012	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Tetrachloroethene	**0.00027**	**J**	0.00036	0.000051	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Toluene	**0.000094**	**J**	0.00036	0.000084	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
trans-1,2-Dichloroethene	0.00036	U	0.00036	0.000088	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
trans-1,3-Dichloropropene	0.00036	U	0.00036	0.000095	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Trichloroethene	0.00036	U	0.00036	0.000051	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Trichlorofluoromethane	0.00036	U	0.00036	0.00015	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1
Vinyl chloride	0.00036	U	0.00036	0.00020	mg/Kg	☼	09/30/20 19:13	10/01/20 05:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*77 - 145*	*09/30/20 19:13*	*10/01/20 05:17*	*1*
4-Bromofluorobenzene	*105*		*79 - 125*	*09/30/20 19:13*	*10/01/20 05:17*	*1*
Dibromofluoromethane (Surr)	*114*		*48 - 150*	*09/30/20 19:13*	*10/01/20 05:17*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*09/30/20 19:13*	*10/01/20 05:17*	*1*

Client Sample ID: GL-DS-092920-7 Lab Sample ID: 460-219360-7

Date Collected: 09/29/20 11:10 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 97.2**

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00044	U	0.00044	0.00010	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,1,2,2-Tetrachloroethane	0.00044	U	0.00044	0.000093	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.00044	0.00013	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,1,2-Trichloroethane	0.00044	U	0.00044	0.000078	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,1-Dichloroethane	0.00044	U	0.00044	0.000090	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,1-Dichloroethene	0.00044	U	0.00044	0.000098	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2,3-Trichlorobenzene	0.00044	U	0.00044	0.000079	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2,4-Trichlorobenzene	0.00044	U	0.00044	0.00016	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2-Dibromo-3-Chloropropane	0.00044	U	0.00044	0.00020	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2-Dichlorobenzene	0.00044	U	0.00044	0.000063	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2-Dichloroethane	0.00044	U	0.00044	0.00013	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,2-Dichloropropane	0.00044	U	0.00044	0.00018	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,3-Dichlorobenzene	0.00044	U	0.00044	0.000069	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,4-Dichlorobenzene	0.00044	U	0.00044	0.000098	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
1,4-Dioxane	0.0087	U	0.0087	0.0040	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
2-Butanone (MEK)	0.0022	U	0.0022	0.0012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
2-Hexanone	0.0022	U	0.0022	0.00075	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0022	0.00068	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Acetone	0.0026	U	0.0026	0.0025	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Acrolein	0.044	U	0.044	0.012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Acrylonitrile	0.0044	U	0.0044	0.00072	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Benzene	0.00044	U	0.00044	0.00011	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Bromoform	0.00044	U	0.00044	0.00019	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Bromomethane	0.00044	U	0.00044	0.00021	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Carbon disulfide	0.00044	U	0.00044	0.00012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Carbon tetrachloride	0.00044	U	0.00044	0.00017	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chlorobenzene	0.00044	U	0.00044	0.000077	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chlorobromomethane	0.00044	U	0.00044	0.00012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chlorodibromomethane	0.00044	U	0.00044	0.000085	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chloroethane	0.00044	U	0.00044	0.00023	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chloroform	0.00044	U	0.00044	0.00014	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Chloromethane	0.00044	U	0.00044	0.00019	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
cis-1,2-Dichloroethene	0.00044	U	0.00044	0.000066	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
cis-1,3-Dichloropropene	0.00044	U	0.00044	0.00012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Cyclohexane	0.00044	U	0.00044	0.000097	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Dichlorobromomethane	0.00044	U	0.00044	0.00011	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Dichlorodifluoromethane	0.00044	U	0.00044	0.00015	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Ethylbenzene	0.00044	U	0.00044	0.000087	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Ethylene Dibromide	0.00044	U	0.00044	0.000079	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Isopropylbenzene	0.00044	U	0.00044	0.000055	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Methyl acetate	0.0022	U	0.0022	0.0019	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Methyl tert-butyl ether	0.00044	U	0.00044	0.000055	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Methylcyclohexane	0.00044	U	0.00044	0.00022	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Methylene Chloride	**0.00058**		0.00044	0.00020	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
m-Xylene & p-Xylene	0.00044	U	0.00044	0.000076	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
o-Xylene	0.00044	U	0.00044	0.000085	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Styrene	0.00044	U	0.00044	0.00012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
TBA	0.0044	U	0.0044	0.0014	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Tetrachloroethene	**0.000095**	**J**	0.00044	0.000062	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1

Client Sample ID: GL-DS-092920-7 — Lab Sample ID: 460-219360-7

Date Collected: 09/29/20 11:10 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 97.2**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	**0.00034**	**J**	0.00044	0.00010	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
trans-1,2-Dichloroethene	0.00044	U	0.00044	0.00011	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
trans-1,3-Dichloropropene	0.00044	U	0.00044	0.00012	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Trichloroethene	0.00044	U	0.00044	0.000063	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Trichlorofluoromethane	0.00044	U	0.00044	0.00018	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1
Vinyl chloride	0.00044	U	0.00044	0.00024	mg/Kg	☼	09/30/20 19:14	10/01/20 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*132*		*77 - 145*	*09/30/20 19:14*	*10/01/20 05:44*	*1*
4-Bromofluorobenzene	*110*		*79 - 125*	*09/30/20 19:14*	*10/01/20 05:44*	*1*
Dibromofluoromethane (Surr)	*123*		*48 - 150*	*09/30/20 19:14*	*10/01/20 05:44*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*	*09/30/20 19:14*	*10/01/20 05:44*	*1*

Client Sample ID: TB-092920 — Lab Sample ID: 460-219360-8

Date Collected: 09/29/20 11:45 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00014	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
1,4-Dioxane	0.020	U	0.020	0.0092	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
2-Butanone (MEK)	0.0050	U	0.0050	0.0027	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Acetone	**0.057**		0.0060	0.0057	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Acrolein	0.10	U	0.10	0.028	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Acrylonitrile	0.010	U	0.010	0.0016	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Bromomethane	0.0010	U	0.0010	0.00047	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Chloroform	0.0010	U	0.0010	0.00032	mg/Kg		09/30/20 19:15	10/01/20 02:30	1

Client Sample ID: TB-092920 Lab Sample ID: 460-219360-8

Date Collected: 09/29/20 11:45 **Matrix: Solid**
Date Received: 09/29/20 18:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00015	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Methylene Chloride	**0.0017**		0.0010	0.00046	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
m-Xylene & p-Xylene	**0.00018**	**J**	0.0010	0.00017	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
TBA	0.010	U	0.010	0.0033	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Tetrachloroethene	0.0010	U	0.0010	0.00014	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Toluene	**0.0022**		0.0010	0.00023	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Trichloroethene	0.0010	U	0.0010	0.00014	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		09/30/20 19:15	10/01/20 02:30	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		09/30/20 19:15	10/01/20 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*77 - 145*	*09/30/20 19:15*	*10/01/20 02:30*	*1*
4-Bromofluorobenzene	*100*		*79 - 125*	*09/30/20 19:15*	*10/01/20 02:30*	*1*
Dibromofluoromethane (Surr)	*111*		*48 - 150*	*09/30/20 19:15*	*10/01/20 02:30*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*09/30/20 19:15*	*10/01/20 02:30*	*1*

Surrogate Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-145)	(79-125)	(48-150)	(80-120)
460-219360-1	GL-DS-092920-1	129	108	116	106
460-219360-2	GL-DS-092920-2	124	105	114	104
460-219360-3	GL-DS-092920-3	124	102	113	101
460-219360-4	GL-DS-092920-4	128	106	116	104
460-219360-5	GL-DS-092920-5	130	117	118	108
460-219360-6	GL-DS-092920-6	124	105	114	102
460-219360-7	GL-DS-092920-7	132	110	123	108
460-219360-8	TB-092920	117	100	111	101
LCS 460-727958/4	Lab Control Sample	110	103	103	102
LCSD 460-727958/5	Lab Control Sample Dup	107	103	104	102
MB 460-727958/8	Method Blank	121	107	116	108

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-727958/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			09/30/20 21:26	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			09/30/20 21:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/20 21:26	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			09/30/20 21:26	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			09/30/20 21:26	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/20 21:26	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			09/30/20 21:26	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			09/30/20 21:26	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			09/30/20 21:26	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00014	mg/Kg			09/30/20 21:26	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			09/30/20 21:26	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			09/30/20 21:26	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016	mg/Kg			09/30/20 21:26	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/20 21:26	1
1,4-Dioxane	0.020	U	0.020	0.0092	mg/Kg			09/30/20 21:26	1
2-Butanone (MEK)	0.0050	U	0.0050	0.0027	mg/Kg			09/30/20 21:26	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			09/30/20 21:26	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			09/30/20 21:26	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			09/30/20 21:26	1
Acrolein	0.10	U	0.10	0.028	mg/Kg			09/30/20 21:26	1
Acrylonitrile	0.010	U	0.010	0.0016	mg/Kg			09/30/20 21:26	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			09/30/20 21:26	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			09/30/20 21:26	1
Bromomethane	0.0010	U	0.0010	0.00047	mg/Kg			09/30/20 21:26	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			09/30/20 21:26	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			09/30/20 21:26	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			09/30/20 21:26	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			09/30/20 21:26	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			09/30/20 21:26	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			09/30/20 21:26	1
Chloroform	0.0010	U	0.0010	0.00032	mg/Kg			09/30/20 21:26	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			09/30/20 21:26	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00015	mg/Kg			09/30/20 21:26	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/20 21:26	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			09/30/20 21:26	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			09/30/20 21:26	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			09/30/20 21:26	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			09/30/20 21:26	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			09/30/20 21:26	1
Isopropylbenzene	0.0010	U	0.0010	0.00013	mg/Kg			09/30/20 21:26	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			09/30/20 21:26	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00013	mg/Kg			09/30/20 21:26	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			09/30/20 21:26	1
Methylene Chloride	0.0010	U	0.0010	0.00046	mg/Kg			09/30/20 21:26	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			09/30/20 21:26	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			09/30/20 21:26	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			09/30/20 21:26	1
TBA	0.010	U	0.010	0.0033	mg/Kg			09/30/20 21:26	1

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

Lab Sample ID: MB 460-727958/8 **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.0010	U	0.0010	0.00014	mg/Kg			09/30/20 21:26	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			09/30/20 21:26	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			09/30/20 21:26	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			09/30/20 21:26	1
Trichloroethene	0.0010	U	0.0010	0.00014	mg/Kg			09/30/20 21:26	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			09/30/20 21:26	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			09/30/20 21:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*77 - 145*		*09/30/20 21:26*	*1*
4-Bromofluorobenzene	*107*		*79 - 125*		*09/30/20 21:26*	*1*
Dibromofluoromethane (Surr)	*116*		*48 - 150*		*09/30/20 21:26*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*09/30/20 21:26*	*1*

Lab Sample ID: LCS 460-727958/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	0.0200	0.0212		mg/Kg		106	78 - 132
1,1,2,2-Tetrachloroethane	0.0200	0.0185		mg/Kg		92	69 - 123
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0206		mg/Kg		103	78 - 136
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	75 - 120
1,1-Dichloroethane	0.0200	0.0210		mg/Kg		105	76 - 129
1,1-Dichloroethene	0.0200	0.0213		mg/Kg		106	77 - 132
1,2,3-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 120
1,2,4-Trichlorobenzene	0.0200	0.0177		mg/Kg		89	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0175		mg/Kg		87	60 - 126
1,2-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
1,2-Dichloroethane	0.0200	0.0201		mg/Kg		100	70 - 132
1,2-Dichloropropane	0.0200	0.0209		mg/Kg		105	73 - 124
1,3-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,4-Dichlorobenzene	0.0200	0.0188		mg/Kg		94	80 - 120
1,4-Dioxane	0.400	0.410		mg/Kg		102	73 - 136
2-Butanone (MEK)	0.100	0.0924		mg/Kg		92	75 - 120
2-Hexanone	0.100	0.0977		mg/Kg		98	78 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0979		mg/Kg		98	80 - 122
Acetone	0.100	0.0931		mg/Kg		93	63 - 131
Acrolein	0.300	0.275		mg/Kg		92	35 - 150
Acrylonitrile	0.200	0.197		mg/Kg		99	66 - 134
Benzene	0.0200	0.0204		mg/Kg		102	80 - 123
Bromoform	0.0200	0.0171		mg/Kg		86	48 - 142
Bromomethane	0.0200	0.0196		mg/Kg		98	68 - 136
Carbon disulfide	0.0200	0.0213		mg/Kg		106	67 - 136
Carbon tetrachloride	0.0200	0.0210		mg/Kg		105	72 - 136
Chlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0200		mg/Kg		100	76 - 127
Chlorodibromomethane	0.0200	0.0187		mg/Kg		94	62 - 128

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

Lab Sample ID: LCS 460-727958/4 **Client Sample ID: Lab Control Sample**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloroethane			0.0200	0.0198		mg/Kg		99	65 - 134		
Chloroform			0.0200	0.0206		mg/Kg		103	79 - 126		
Chloromethane			0.0200	0.0187		mg/Kg		93	48 - 150		
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123		
cis-1,3-Dichloropropene			0.0200	0.0203		mg/Kg		102	72 - 120		
Cyclohexane			0.0200	0.0206		mg/Kg		103	80 - 132		
Dichlorobromomethane			0.0200	0.0201		mg/Kg		100	73 - 124		
Dichlorodifluoromethane			0.0200	0.0184		mg/Kg		92	40 - 146		
Ethylbenzene			0.0200	0.0197		mg/Kg		99	80 - 120		
Ethylene Dibromide			0.0200	0.0192		mg/Kg		96	79 - 120		
Isopropylbenzene			0.0200	0.0196		mg/Kg		98	80 - 120		
Methyl acetate			0.0400	0.0419		mg/Kg		105	58 - 143		
Methyl tert-butyl ether			0.0200	0.0204		mg/Kg		102	80 - 125		
Methylcyclohexane			0.0200	0.0197		mg/Kg		98	79 - 133		
Methylene Chloride			0.0200	0.0200		mg/Kg		100	76 - 127		
m-Xylene & p-Xylene			0.0200	0.0197		mg/Kg		98	80 - 120		
o-Xylene			0.0200	0.0196		mg/Kg		98	80 - 120		
Styrene			0.0200	0.0197		mg/Kg		99	80 - 120		
TBA			0.200	0.179		mg/Kg		89	72 - 120		
Tetrachloroethene			0.0200	0.0199		mg/Kg		99	78 - 123		
Toluene			0.0200	0.0198		mg/Kg		99	80 - 120		
trans-1,2-Dichloroethene			0.0200	0.0207		mg/Kg		104	78 - 128		
trans-1,3-Dichloropropene			0.0200	0.0201		mg/Kg		101	68 - 120		
Trichloroethene			0.0200	0.0209		mg/Kg		105	79 - 120		
Trichlorofluoromethane			0.0200	0.0193		mg/Kg		97	67 - 142		
Vinyl chloride			0.0200	0.0197		mg/Kg		99	56 - 147		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 145*
4-Bromofluorobenzene	*103*		*79 - 125*
Dibromofluoromethane (Surr)	*103*		*48 - 150*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: LCSD 460-727958/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0202		mg/Kg		101	78 - 132	5	30
1,1,2,2-Tetrachloroethane			0.0200	0.0173		mg/Kg		87	69 - 123	6	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0192		mg/Kg		96	78 - 136	7	30
1,1,2-Trichloroethane			0.0200	0.0181		mg/Kg		90	75 - 120	8	30
1,1-Dichloroethane			0.0200	0.0198		mg/Kg		99	76 - 129	6	30
1,1-Dichloroethene			0.0200	0.0206		mg/Kg		103	77 - 132	3	30
1,2,3-Trichlorobenzene			0.0200	0.0163		mg/Kg		81	77 - 120	6	30
1,2,4-Trichlorobenzene			0.0200	0.0169		mg/Kg		85	75 - 120	5	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0163		mg/Kg		81	60 - 126	7	30
1,2-Dichlorobenzene			0.0200	0.0172		mg/Kg		86	80 - 120	5	30

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

Lab Sample ID: LCSD 460-727958/5 **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 727958

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2-Dichloroethane			0.0200	0.0188		mg/Kg		94	70 - 132	6	30
1,2-Dichloropropane			0.0200	0.0196		mg/Kg		98	73 - 124	6	30
1,3-Dichlorobenzene			0.0200	0.0180		mg/Kg		90	80 - 120	4	30
1,4-Dichlorobenzene			0.0200	0.0178		mg/Kg		89	80 - 120	6	30
1,4-Dioxane			0.400	0.380		mg/Kg		95	73 - 136	7	30
2-Butanone (MEK)			0.100	0.0845		mg/Kg		84	75 - 120	9	30
2-Hexanone			0.100	0.0888		mg/Kg		89	78 - 120	10	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0909		mg/Kg		91	80 - 122	7	30
Acetone			0.100	0.0844		mg/Kg		84	63 - 131	10	30
Acrolein			0.300	0.288		mg/Kg		96	35 - 150	4	30
Acrylonitrile			0.200	0.191		mg/Kg		95	66 - 134	3	30
Benzene			0.0200	0.0193		mg/Kg		97	80 - 123	5	30
Bromoform			0.0200	0.0158		mg/Kg		79	48 - 142	8	30
Bromomethane			0.0200	0.0203		mg/Kg		101	68 - 136	3	30
Carbon disulfide			0.0200	0.0217		mg/Kg		109	67 - 136	2	30
Carbon tetrachloride			0.0200	0.0197		mg/Kg		98	72 - 136	7	30
Chlorobenzene			0.0200	0.0183		mg/Kg		92	80 - 120	6	30
Chlorobromomethane			0.0200	0.0191		mg/Kg		95	76 - 127	5	30
Chlorodibromomethane			0.0200	0.0174		mg/Kg		87	62 - 128	7	30
Chloroethane			0.0200	0.0202		mg/Kg		101	65 - 134	2	30
Chloroform			0.0200	0.0195		mg/Kg		98	79 - 126	5	30
Chloromethane			0.0200	0.0193		mg/Kg		97	48 - 150	3	30
cis-1,2-Dichloroethene			0.0200	0.0194		mg/Kg		97	80 - 123	6	30
cis-1,3-Dichloropropene			0.0200	0.0192		mg/Kg		96	72 - 120	6	30
Cyclohexane			0.0200	0.0197		mg/Kg		99	80 - 132	4	30
Dichlorobromomethane			0.0200	0.0186		mg/Kg		93	73 - 124	8	30
Dichlorodifluoromethane			0.0200	0.0189		mg/Kg		95	40 - 146	3	30
Ethylbenzene			0.0200	0.0187		mg/Kg		94	80 - 120	5	30
Ethylene Dibromide			0.0200	0.0179		mg/Kg		89	79 - 120	7	30
Isopropylbenzene			0.0200	0.0185		mg/Kg		92	80 - 120	6	30
Methyl acetate			0.0400	0.0398		mg/Kg		99	58 - 143	5	30
Methyl tert-butyl ether			0.0200	0.0187		mg/Kg		94	80 - 125	8	30
Methylcyclohexane			0.0200	0.0185		mg/Kg		92	79 - 133	6	30
Methylene Chloride			0.0200	0.0193		mg/Kg		97	76 - 127	3	30
m-Xylene & p-Xylene			0.0200	0.0185		mg/Kg		93	80 - 120	6	30
o-Xylene			0.0200	0.0183		mg/Kg		91	80 - 120	7	30
Styrene			0.0200	0.0184		mg/Kg		92	80 - 120	7	30
TBA			0.200	0.166		mg/Kg		83	72 - 120	7	30
Tetrachloroethene			0.0200	0.0189		mg/Kg		95	78 - 123	5	30
Toluene			0.0200	0.0186		mg/Kg		93	80 - 120	6	30
trans-1,2-Dichloroethene			0.0200	0.0200		mg/Kg		100	78 - 128	4	30
trans-1,3-Dichloropropene			0.0200	0.0187		mg/Kg		94	68 - 120	7	30
Trichloroethene			0.0200	0.0196		mg/Kg		98	79 - 120	6	30
Trichlorofluoromethane			0.0200	0.0201		mg/Kg		101	67 - 142	4	30
Vinyl chloride			0.0200	0.0201		mg/Kg		101	56 - 147	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 145*

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

Lab Sample ID: LCSD 460-727958/5
Matrix: Solid
Analysis Batch: 727958

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	103		79 - 125
Dibromofluoromethane (Surr)	104		48 - 150
Toluene-d8 (Surr)	102		80 - 120

Qualifiers

GC/MS VOA

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

QC Association Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

GC/MS VOA

Analysis Batch: 727958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219360-1	GL-DS-092920-1	Total/NA	Solid	8260C	728032
460-219360-2	GL-DS-092920-2	Total/NA	Solid	8260C	728032
460-219360-3	GL-DS-092920-3	Total/NA	Solid	8260C	728032
460-219360-4	GL-DS-092920-4	Total/NA	Solid	8260C	728032
460-219360-5	GL-DS-092920-5	Total/NA	Solid	8260C	728032
460-219360-6	GL-DS-092920-6	Total/NA	Solid	8260C	728032
460-219360-7	GL-DS-092920-7	Total/NA	Solid	8260C	728032
460-219360-8	TB-092920	Total/NA	Solid	8260C	728032
MB 460-727958/8	Method Blank	Total/NA	Solid	8260C	
LCS 460-727958/4	Lab Control Sample	Total/NA	Solid	8260C	
LCSD 460-727958/5	Lab Control Sample Dup	Total/NA	Solid	8260C	

Prep Batch: 728032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219360-1	GL-DS-092920-1	Total/NA	Solid	5035	
460-219360-2	GL-DS-092920-2	Total/NA	Solid	5035	
460-219360-3	GL-DS-092920-3	Total/NA	Solid	5035	
460-219360-4	GL-DS-092920-4	Total/NA	Solid	5035	
460-219360-5	GL-DS-092920-5	Total/NA	Solid	5035	
460-219360-6	GL-DS-092920-6	Total/NA	Solid	5035	
460-219360-7	GL-DS-092920-7	Total/NA	Solid	5035	
460-219360-8	TB-092920	Total/NA	Solid	5035	

General Chemistry

Analysis Batch: 727905

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-219360-1	GL-DS-092920-1	Total/NA	Solid	Moisture	
460-219360-2	GL-DS-092920-2	Total/NA	Solid	Moisture	
460-219360-3	GL-DS-092920-3	Total/NA	Solid	Moisture	
460-219360-4	GL-DS-092920-4	Total/NA	Solid	Moisture	
460-219360-5	GL-DS-092920-5	Total/NA	Solid	Moisture	
460-219360-6	GL-DS-092920-6	Total/NA	Solid	Moisture	
460-219360-7	GL-DS-092920-7	Total/NA	Solid	Moisture	
460-219345-E-7 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-219345-E-7 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-219345-E-8 DU	Duplicate	Total/NA	Solid	Moisture	

Client Sample ID: GL-DS-092920-1 — Lab Sample ID: 460-219360-1
Date Collected: 09/29/20 10:40 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-1 — Lab Sample ID: 460-219360-1
Date Collected: 09/29/20 10:40 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:09	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 02:58	VBP	TAL EDI

Client Sample ID: GL-DS-092920-2 — Lab Sample ID: 460-219360-2
Date Collected: 09/29/20 10:45 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-2 — Lab Sample ID: 460-219360-2
Date Collected: 09/29/20 10:45 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:09	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 03:26	VBP	TAL EDI

Client Sample ID: GL-DS-092920-3 — Lab Sample ID: 460-219360-3
Date Collected: 09/29/20 10:50 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-3 — Lab Sample ID: 460-219360-3
Date Collected: 09/29/20 10:50 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.0**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:10	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 03:54	VBP	TAL EDI

Client Sample ID: GL-DS-092920-4 — Lab Sample ID: 460-219360-4
Date Collected: 09/29/20 10:55 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-4 — Lab Sample ID: 460-219360-4

Date Collected: 09/29/20 10:55 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 98.6**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:11	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 04:21	VBP	TAL EDI

Client Sample ID: GL-DS-092920-5 — Lab Sample ID: 460-219360-5

Date Collected: 09/29/20 11:00 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-5 — Lab Sample ID: 460-219360-5

Date Collected: 09/29/20 11:00 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 95.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:12	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 04:49	VBP	TAL EDI

Client Sample ID: GL-DS-092920-6 — Lab Sample ID: 460-219360-6

Date Collected: 09/29/20 11:05 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Client Sample ID: GL-DS-092920-6 — Lab Sample ID: 460-219360-6

Date Collected: 09/29/20 11:05 — **Matrix: Solid**
Date Received: 09/29/20 18:30 — **Percent Solids: 97.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:13	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 05:17	VBP	TAL EDI

Client Sample ID: GL-DS-092920-7 — Lab Sample ID: 460-219360-7

Date Collected: 09/29/20 11:10 — **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	727905	09/30/20 12:55	MMC	TAL EDI

Lab Chronicle

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Client Sample ID: GL-DS-092920-7 Lab Sample ID: 460-219360-7

Date Collected: 09/29/20 11:10 **Matrix: Solid**
Date Received: 09/29/20 18:30 **Percent Solids: 97.2**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:14	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 05:44	VBP	TAL EDI

Client Sample ID: TB-092920 Lab Sample ID: 460-219360-8

Date Collected: 09/29/20 11:45 **Matrix: Solid**
Date Received: 09/29/20 18:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			728032	09/30/20 19:15	AVM	TAL EDI
Total/NA	Analysis	8260C		1	727958	10/01/20 02:30	VBP	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants, Inc. Job ID: 460-219360-1
Project/Site: National Grid-Downstate Glenwood Landing

Laboratory: Eurofins TestAmerica, Edison

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-21

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
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

8260C

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
GL-DS-092920-1	460-219360-1	116	129	106	108
GL-DS-092920-2	460-219360-2	114	124	104	105
GL-DS-092920-3	460-219360-3	113	124	101	102
GL-DS-092920-4	460-219360-4	116	128	104	106
GL-DS-092920-5	460-219360-5	118	130	108	117
GL-DS-092920-6	460-219360-6	114	124	102	105
GL-DS-092920-7	460-219360-7	123	132	108	110
TB-092920	460-219360-8	111	117	101	100
	MB 460-727958/8	116	121	108	107
	LCS 460-727958/4	103	110	102	103
	LCSD 460-727958/5	104	107	102	103

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	48-150
DCA = 1,2-Dichloroethane-d4 (Surr)	77-145
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	79-125

Column to be used to flag recovery values

FORM II 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D73006.D

Lab ID: LCS 460-727958/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0212	106	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0185	92	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0206	103	78-136	
1,1,2-Trichloroethane	0.0200	0.0196	98	75-120	
1,1-Dichloroethane	0.0200	0.0210	105	76-129	
1,1-Dichloroethene	0.0200	0.0213	106	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0174	87	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0177	89	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0175	87	60-126	
1,2-Dichlorobenzene	0.0200	0.0182	91	80-120	
1,2-Dichloroethane	0.0200	0.0201	100	70-132	
1,2-Dichloropropane	0.0200	0.0209	105	73-124	
1,3-Dichlorobenzene	0.0200	0.0188	94	80-120	
1,4-Dichlorobenzene	0.0200	0.0188	94	80-120	
1,4-Dioxane	0.400	0.410	102	73-136	
2-Butanone (MEK)	0.100	0.0924	92	75-120	
2-Hexanone	0.100	0.0977	98	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0979	98	80-122	
Acetone	0.100	0.0931	93	63-131	
Acrolein	0.300	0.275	92	35-150	
Acrylonitrile	0.200	0.197	99	66-134	
Benzene	0.0200	0.0204	102	80-123	
Bromoform	0.0200	0.0171	86	48-142	
Bromomethane	0.0200	0.0196	98	68-136	
Carbon disulfide	0.0200	0.0213	106	67-136	
Carbon tetrachloride	0.0200	0.0210	105	72-136	
Chlorobenzene	0.0200	0.0195	97	80-120	
Chlorobromomethane	0.0200	0.0200	100	76-127	
Chlorodibromomethane	0.0200	0.0187	94	62-128	
Chloroethane	0.0200	0.0198	99	65-134	
Chloroform	0.0200	0.0206	103	79-126	
Chloromethane	0.0200	0.0187	93	48-150	
cis-1,2-Dichloroethene	0.0200	0.0205	103	80-123	
cis-1,3-Dichloropropene	0.0200	0.0203	102	72-120	
Cyclohexane	0.0200	0.0206	103	80-132	
Dichlorobromomethane	0.0200	0.0201	100	73-124	
Dichlorodifluoromethane	0.0200	0.0184	92	40-146	
Ethylbenzene	0.0200	0.0197	99	80-120	
Ethylene Dibromide	0.0200	0.0192	96	79-120	
Isopropylbenzene	0.0200	0.0196	98	80-120	
Methyl acetate	0.0400	0.0419	105	58-143	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D73006.D

Lab ID: LCS 460-727958/4 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Methyl tert-butyl ether	0.0200	0.0204	102	80-125	
Methylcyclohexane	0.0200	0.0197	98	79-133	
Methylene Chloride	0.0200	0.0200	100	76-127	
m-Xylene & p-Xylene	0.0200	0.0197	98	80-120	
o-Xylene	0.0200	0.0196	98	80-120	
Styrene	0.0200	0.0197	99	80-120	
TBA	0.200	0.179	89	72-120	
Tetrachloroethene	0.0200	0.0199	99	78-123	
Toluene	0.0200	0.0198	99	80-120	
trans-1,2-Dichloroethene	0.0200	0.0207	104	78-128	
trans-1,3-Dichloropropene	0.0200	0.0201	101	68-120	
Trichloroethene	0.0200	0.0209	105	79-120	
Trichlorofluoromethane	0.0200	0.0193	97	67-142	
Vinyl chloride	0.0200	0.0197	99	56-147	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D73007.D

Lab ID: LCSD 460-727958/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1-Trichloroethane	0.0200	0.0202	101	5	30	78-132	
1,1,2,2-Tetrachloroethane	0.0200	0.0173	87	6	30	69-123	
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0192	96	7	30	78-136	
1,1,2-Trichloroethane	0.0200	0.0181	90	8	30	75-120	
1,1-Dichloroethane	0.0200	0.0198	99	6	30	76-129	
1,1-Dichloroethene	0.0200	0.0206	103	3	30	77-132	
1,2,3-Trichlorobenzene	0.0200	0.0163	81	6	30	77-120	
1,2,4-Trichlorobenzene	0.0200	0.0169	85	5	30	75-120	
1,2-Dibromo-3-Chloropropane	0.0200	0.0163	81	7	30	60-126	
1,2-Dichlorobenzene	0.0200	0.0172	86	5	30	80-120	
1,2-Dichloroethane	0.0200	0.0188	94	6	30	70-132	
1,2-Dichloropropane	0.0200	0.0196	98	6	30	73-124	
1,3-Dichlorobenzene	0.0200	0.0180	90	4	30	80-120	
1,4-Dichlorobenzene	0.0200	0.0178	89	6	30	80-120	
1,4-Dioxane	0.400	0.380	95	7	30	73-136	
2-Butanone (MEK)	0.100	0.0845	84	9	30	75-120	
2-Hexanone	0.100	0.0888	89	10	30	78-120	
4-Methyl-2-pentanone (MIBK)	0.100	0.0909	91	7	30	80-122	
Acetone	0.100	0.0844	84	10	30	63-131	
Acrolein	0.300	0.288	96	4	30	35-150	
Acrylonitrile	0.200	0.191	95	3	30	66-134	
Benzene	0.0200	0.0193	97	5	30	80-123	
Bromoform	0.0200	0.0158	79	8	30	48-142	
Bromomethane	0.0200	0.0203	101	3	30	68-136	
Carbon disulfide	0.0200	0.0217	109	2	30	67-136	
Carbon tetrachloride	0.0200	0.0197	98	7	30	72-136	
Chlorobenzene	0.0200	0.0183	92	6	30	80-120	
Chlorobromomethane	0.0200	0.0191	95	5	30	76-127	
Chlorodibromomethane	0.0200	0.0174	87	7	30	62-128	
Chloroethane	0.0200	0.0202	101	2	30	65-134	
Chloroform	0.0200	0.0195	98	5	30	79-126	
Chloromethane	0.0200	0.0193	97	3	30	48-150	
cis-1,2-Dichloroethene	0.0200	0.0194	97	6	30	80-123	
cis-1,3-Dichloropropene	0.0200	0.0192	96	6	30	72-120	
Cyclohexane	0.0200	0.0197	99	4	30	80-132	
Dichlorobromomethane	0.0200	0.0186	93	8	30	73-124	
Dichlorodifluoromethane	0.0200	0.0189	95	3	30	40-146	
Ethylbenzene	0.0200	0.0187	94	5	30	80-120	
Ethylene Dibromide	0.0200	0.0179	89	7	30	79-120	
Isopropylbenzene	0.0200	0.0185	92	6	30	80-120	
Methyl acetate	0.0400	0.0398	99	5	30	58-143	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: D73007.D

Lab ID: LCSD 460-727958/5 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Methyl tert-butyl ether	0.0200	0.0187	94	8	30	80-125	
Methylcyclohexane	0.0200	0.0185	92	6	30	79-133	
Methylene Chloride	0.0200	0.0193	97	3	30	76-127	
m-Xylene & p-Xylene	0.0200	0.0185	93	6	30	80-120	
o-Xylene	0.0200	0.0183	91	7	30	80-120	
Styrene	0.0200	0.0184	92	7	30	80-120	
TBA	0.200	0.166	83	7	30	72-120	
Tetrachloroethene	0.0200	0.0189	95	5	30	78-123	
Toluene	0.0200	0.0186	93	6	30	80-120	
trans-1,2-Dichloroethene	0.0200	0.0200	100	4	30	78-128	
trans-1,3-Dichloropropene	0.0200	0.0187	94	7	30	68-120	
Trichloroethene	0.0200	0.0196	98	6	30	79-120	
Trichlorofluoromethane	0.0200	0.0201	101	4	30	67-142	
Vinyl chloride	0.0200	0.0201	101	2	30	56-147	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab File ID: D73010.D Lab Sample ID: MB 460-727958/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: CVOAMS4 Date Analyzed: 09/30/2020 21:26

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-727958/4	D73006.D	09/30/2020 19:35
	LCSD 460-727958/5	D73007.D	09/30/2020 20:03
TB-092920	460-219360-8	D73021.D	10/01/2020 02:30
GL-DS-092920-1	460-219360-1	D73022.D	10/01/2020 02:58
GL-DS-092920-2	460-219360-2	D73023.D	10/01/2020 03:26
GL-DS-092920-3	460-219360-3	D73024.D	10/01/2020 03:54
GL-DS-092920-4	460-219360-4	D73025.D	10/01/2020 04:21
GL-DS-092920-5	460-219360-5	D73026.D	10/01/2020 04:49
GL-DS-092920-6	460-219360-6	D73027.D	10/01/2020 05:17
GL-DS-092920-7	460-219360-7	D73028.D	10/01/2020 05:44

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab File ID: D72375.D BFB Injection Date: 09/16/2020

Instrument ID: CVOAMS4 BFB Injection Time: 12:26

Analysis Batch No.: 724430

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.2	
75	30.0 - 60.0 % of mass 95	42.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	83.8	
175	5.0 - 9.0 % of mass 174	6.7	(8.0) 1
176	95.0 - 101.0 % of mass 174	80.1	(95.5) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD1 460-724430/4	D72378.D	09/16/2020	13:42
	STD5 460-724430/5	D72379.D	09/16/2020	14:09
	STD20 460-724430/6	D72380.D	09/16/2020	14:37
	STD50 460-724430/7	D72381.D	09/16/2020	15:05
	STD200 460-724430/8	D72382.D	09/16/2020	15:33
	STD500 460-724430/9	D72383.D	09/16/2020	16:01
	ICV 460-724430/14	D72388.D	09/16/2020	18:19

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab File ID: D73003.D BFB Injection Date: 09/30/2020

Instrument ID: CVOAMS4 BFB Injection Time: 18:27

Analysis Batch No.: 727958

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.7	
75	30.0 - 60.0 % of mass 95	45.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.6	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	91.0	
175	5.0 - 9.0 % of mass 174	6.9	(7.5) 1
176	95.0 - 101.0 % of mass 174	86.7	(95.3) 1
177	5.0 - 9.0 % of mass 176	5.4	(6.2) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-727958/3	D73005.D	09/30/2020	19:08
	LCS 460-727958/4	D73006.D	09/30/2020	19:35
	LCSD 460-727958/5	D73007.D	09/30/2020	20:03
	MB 460-727958/8	D73010.D	09/30/2020	21:26
TB-092920	460-219360-8	D73021.D	10/01/2020	2:30
GL-DS-092920-1	460-219360-1	D73022.D	10/01/2020	2:58
GL-DS-092920-2	460-219360-2	D73023.D	10/01/2020	3:26
GL-DS-092920-3	460-219360-3	D73024.D	10/01/2020	3:54
GL-DS-092920-4	460-219360-4	D73025.D	10/01/2020	4:21
GL-DS-092920-5	460-219360-5	D73026.D	10/01/2020	4:49
GL-DS-092920-6	460-219360-6	D73027.D	10/01/2020	5:17
GL-DS-092920-7	460-219360-7	D73028.D	10/01/2020	5:44

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Sample No.: STD20 460-724430/6 Date Analyzed: 09/16/2020 14:37

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D72380.D Heated Purge: (Y/N) Y

Calibration ID: 81955

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		225026	3.37	223641	4.65	573238	5.98
UPPER LIMIT		450052	3.87	447282	5.15	1146476	6.48
LOWER LIMIT		112513	2.87	111821	4.15	286619	5.48
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-724430/14		238423	3.37	229546	4.65	604397	5.98

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Sample No.: STD20 460-724430/6 Date Analyzed: 09/16/2020 14:37

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D72380.D Heated Purge: (Y/N) Y

Calibration ID: 81955

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		23220	6.84	380666	9.18	193970	11.00
UPPER LIMIT		46440	7.34	761332	9.68	387940	11.50
LOWER LIMIT		11610	6.34	190333	8.68	96985	10.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-724430/14		24514	6.85	395879	9.18	199718	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Sample No.: CCVIS 460-727958/3 Date Analyzed: 09/30/2020 19:08

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D73005.D Heated Purge: (Y/N) Y

Calibration ID: 81955

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		227633	3.39	229457	4.67	551016	6.00
UPPER LIMIT		455266	3.89	458914	5.17	1102032	6.50
LOWER LIMIT		113817	2.89	114729	4.17	275508	5.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-727958/4		242558	3.39	242258	4.67	587238	6.00
LCSD 460-727958/5		230598	3.38	232983	4.67	581999	6.00
MB 460-727958/8		204603	3.38	212925	4.66	532082	6.00
460-219360-8	TB-092920	228388	3.38	224891	4.66	514219	6.00
460-219360-1	GL-DS-092920-1	244449	3.38	249717	4.67	545476	6.00
460-219360-2	GL-DS-092920-2	190257	3.38	232148	4.67	552188	6.00
460-219360-3	GL-DS-092920-3	263792	3.38	277361	4.67	573600	6.00
460-219360-4	GL-DS-092920-4	219295	3.38	246410	4.67	541492	6.00
460-219360-5	GL-DS-092920-5	211840	3.38	226505	4.67	512845	6.00
460-219360-6	GL-DS-092920-6	214653	3.38	249549	4.66	560930	6.00
460-219360-7	GL-DS-092920-7	206357	3.38	219318	4.66	509251	6.00

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Sample No.: CCVIS 460-727958/3 Date Analyzed: 09/30/2020 19:08

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): D73005.D Heated Purge: (Y/N) Y

Calibration ID: 81955

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		23799	6.87	379309	9.19	190348	11.01
UPPER LIMIT		47598	7.37	758618	9.69	380696	11.51
LOWER LIMIT		11900	6.37	189655	8.69	95174	10.51
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-727958/4		25078	6.87	406472	9.19	203216	11.01
LCSD 460-727958/5		24104	6.86	400912	9.19	198003	11.01
MB 460-727958/8		20355	6.86	374820	9.19	184955	11.01
460-219360-8	TB-092920	23192	6.86	367300	9.19	181695	11.01
460-219360-1	GL-DS-092920-1	23740	6.86	384310	9.19	186175	11.01
460-219360-2	GL-DS-092920-2	13438	6.86	390928	9.19	189389	11.01
460-219360-3	GL-DS-092920-3	23335	6.86	406412	9.19	201767	11.01
460-219360-4	GL-DS-092920-4	19507	6.86	385811	9.19	189498	11.01
460-219360-5	GL-DS-092920-5	16815	6.86	342642	9.19	145116	11.01
460-219360-6	GL-DS-092920-6	17352	6.86	397448	9.19	187006	11.01
460-219360-7	GL-DS-092920-7	20359	6.86	363377	9.19	174452	11.01

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260C

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-1 Lab Sample ID: 460-219360-1

Matrix: Solid Lab File ID: D73022.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:40

Sample wt/vol: 11.23(g) Date Analyzed: 10/01/2020 02:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00045	U	0.00045	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00045	U	0.00045	0.000097
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00045	U	0.00045	0.00014
79-00-5	1,1,2-Trichloroethane	0.00045	U	0.00045	0.000081
75-34-3	1,1-Dichloroethane	0.00045	U	0.00045	0.000094
75-35-4	1,1-Dichloroethene	0.00045	U	0.00045	0.00010
87-61-6	1,2,3-Trichlorobenzene	0.00045	U	0.00045	0.000082
120-82-1	1,2,4-Trichlorobenzene	0.00045	U	0.00045	0.00016
96-12-8	1,2-Dibromo-3-Chloropropane	0.00045	U	0.00045	0.00021
95-50-1	1,2-Dichlorobenzene	0.00045	U	0.00045	0.000065
107-06-2	1,2-Dichloroethane	0.00045	U	0.00045	0.00013
78-87-5	1,2-Dichloropropane	0.00045	U	0.00045	0.00019
541-73-1	1,3-Dichlorobenzene	0.00045	U	0.00045	0.000072
106-46-7	1,4-Dichlorobenzene	0.00045	U	0.00045	0.00010
123-91-1	1,4-Dioxane	0.0091	U	0.0091	0.0042
78-93-3	2-Butanone (MEK)	0.0023	U	0.0023	0.0012
591-78-6	2-Hexanone	0.0023	U	0.0023	0.00078
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0023	U	0.0023	0.00071
67-64-1	Acetone	0.0027	U	0.0027	0.0026
107-02-8	Acrolein	0.045	U	0.045	0.013
107-13-1	Acrylonitrile	0.0045	U	0.0045	0.00074
71-43-2	Benzene	0.00045	U	0.00045	0.00012
75-25-2	Bromoform	0.00045	U	0.00045	0.00019
74-83-9	Bromomethane	0.00045	U	0.00045	0.00022
75-15-0	Carbon disulfide	0.00045	U	0.00045	0.00012
56-23-5	Carbon tetrachloride	0.00045	U	0.00045	0.00018
108-90-7	Chlorobenzene	0.00045	U	0.00045	0.000080
74-97-5	Chlorobromomethane	0.00045	U	0.00045	0.00013
124-48-1	Chlorodibromomethane	0.00045	U	0.00045	0.000088
75-00-3	Chloroethane	0.00045	U	0.00045	0.00024
67-66-3	Chloroform	0.00045	U	0.00045	0.00014
74-87-3	Chloromethane	0.00045	U	0.00045	0.00020
156-59-2	cis-1,2-Dichloroethene	0.00045	U	0.00045	0.000069
10061-01-5	cis-1,3-Dichloropropene	0.00045	U	0.00045	0.00012
110-82-7	Cyclohexane	0.00045	U	0.00045	0.00010

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-1 Lab Sample ID: 460-219360-1

Matrix: Solid Lab File ID: D73022.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:40

Sample wt/vol: 11.23(g) Date Analyzed: 10/01/2020 02:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00045	U	0.00045	0.00012
75-71-8	Dichlorodifluoromethane	0.00045	U	0.00045	0.00015
100-41-4	Ethylbenzene	0.00045	U	0.00045	0.000090
106-93-4	Ethylene Dibromide	0.00045	U	0.00045	0.000082
98-82-8	Isopropylbenzene	0.00045	U	0.00045	0.000057
79-20-9	Methyl acetate	0.0023	U	0.0023	0.0020
1634-04-4	Methyl tert-butyl ether	0.00045	U	0.00045	0.000057
108-87-2	Methylcyclohexane	0.00045	U	0.00045	0.00023
75-09-2	Methylene Chloride	0.00059		0.00045	0.00021
179601-23-1	m-Xylene & p-Xylene	0.00045	U	0.00045	0.000079
95-47-6	o-Xylene	0.00045	U	0.00045	0.000088
100-42-5	Styrene	0.00045	U	0.00045	0.00013
75-65-0	TBA	0.0045	U	0.0045	0.0015
127-18-4	Tetrachloroethene	0.00045	U	0.00045	0.000065
108-88-3	Toluene	0.00033	J	0.00045	0.00011
156-60-5	trans-1,2-Dichloroethene	0.00045	U	0.00045	0.00011
10061-02-6	trans-1,3-Dichloropropene	0.00045	U	0.00045	0.00012
79-01-6	Trichloroethene	0.00045	U	0.00045	0.000065
75-69-4	Trichlorofluoromethane	0.00045	U	0.00045	0.00018
75-01-4	Vinyl chloride	0.00045	U	0.00045	0.00025

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	129		77-145
460-00-4	4-Bromofluorobenzene	108		79-125
1868-53-7	Dibromofluoromethane (Surr)	116		48-150
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73022.D
Lims ID: 460-219360-B-1-A
Client ID: GL-DS-092920-1
Sample Type: Client
Inject. Date: 01-Oct-2020 02:58:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-1-A
Misc. Info.: 460-0117606-020
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:28:45 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:28:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	88	5264	1.30	
* 31 TBA-d9 (IS)	65	3.381	3.388	-0.007	0	244449	1000.0	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	70	249717	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	164486	58.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	95	144518	64.5	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	545476	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	23740	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	566226	53.0	
83 Toluene	91	7.899	7.899	0.000	93	11478	0.7296	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	384310	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	161614	54.2	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	94	186175	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

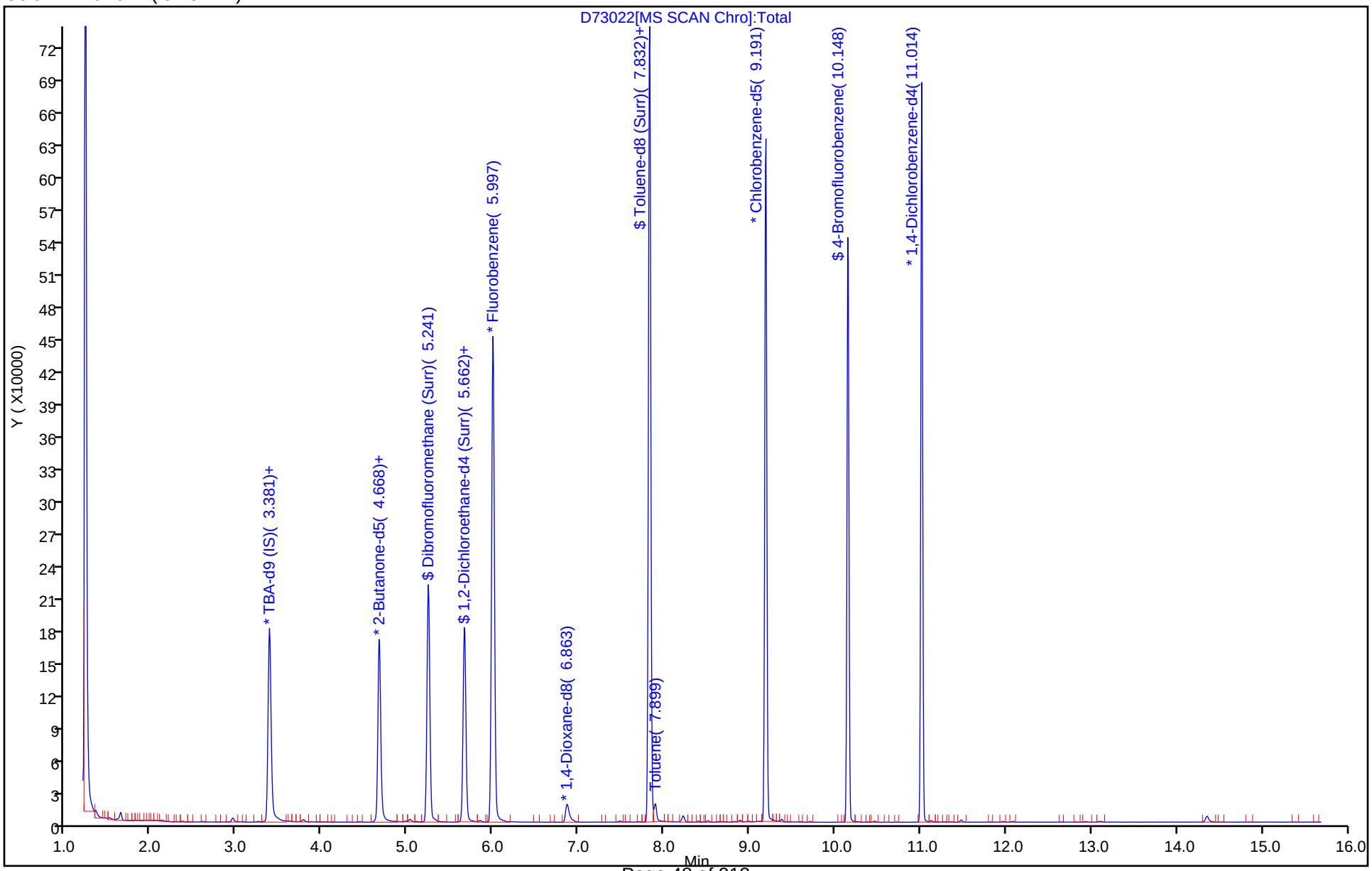
Report Date: 01-Oct-2020 08:28:45 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73022.D

Injection Date:	01-Oct-2020 02:58:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-1-A	Lab Sample ID:	460-219360-1	Worklist Smp#:	20
Client ID:	GL-DS-092920-1				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

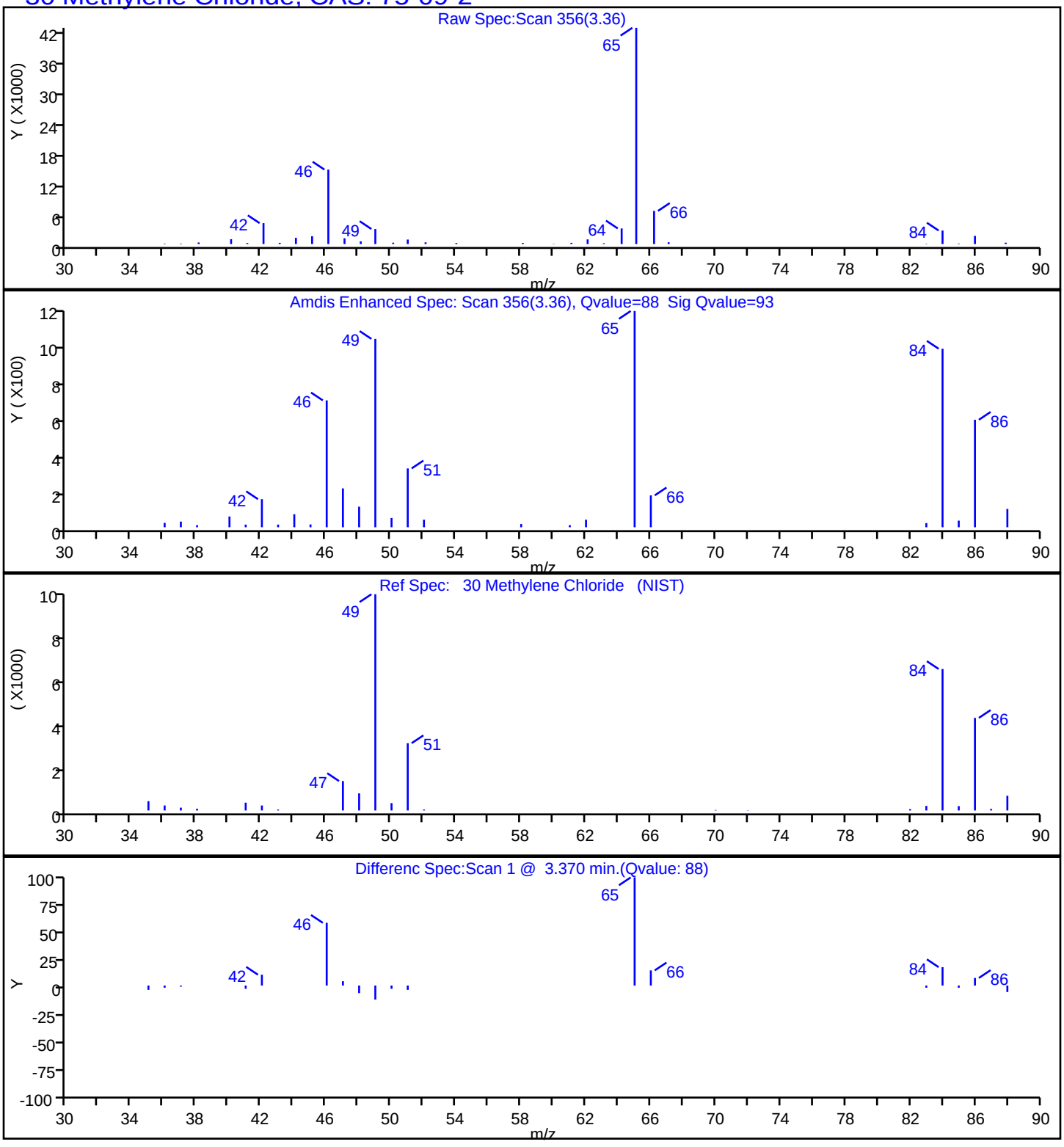


Report Date: 01-Oct-2020 08:28:45 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73022.D		
Injection Date:	01-Oct-2020 02:58:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-1-A	Lab Sample ID:	460-219360-1
Client ID:	GL-DS-092920-1		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

30 Methylene Chloride, CAS: 75-09-2



Report Date: 01-Oct-2020 08:28:46 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73022.D

Injection Date: 01-Oct-2020 02:58:30 Instrument ID: CVOAMS4

Lims ID: 460-219360-B-1-A Lab Sample ID: 460-219360-1

Client ID: GL-DS-092920-1

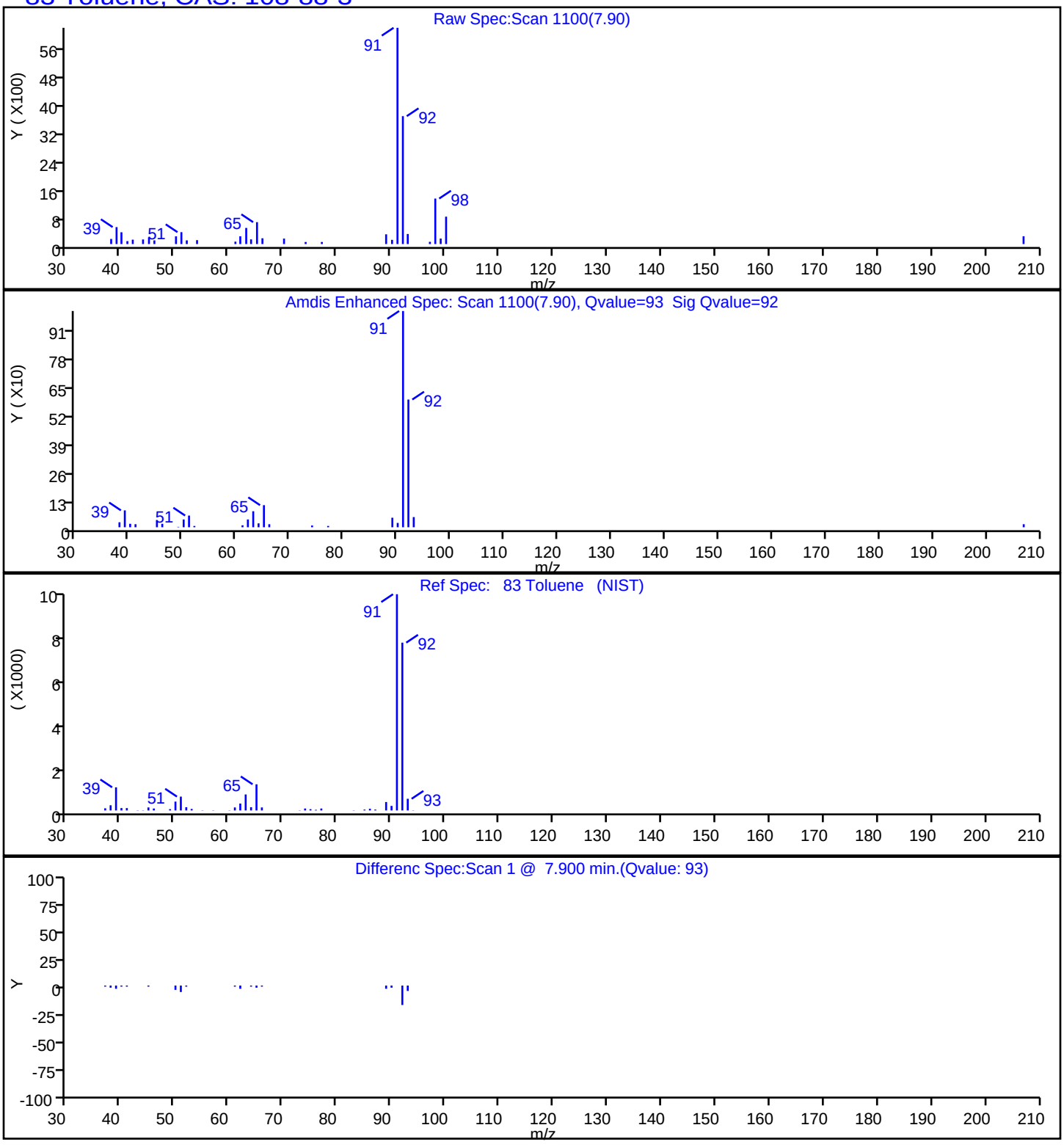
Operator ID: ALS Bottle#: 19 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 Toluene, CAS: 108-88-3



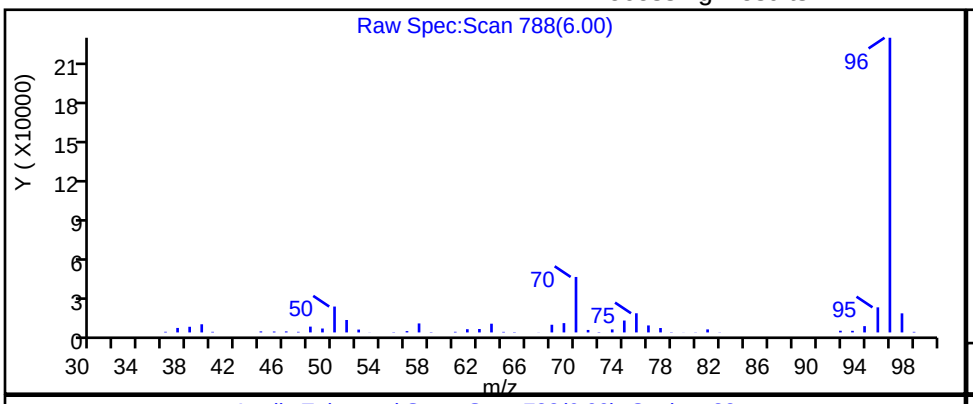
User Disabled Compound Report

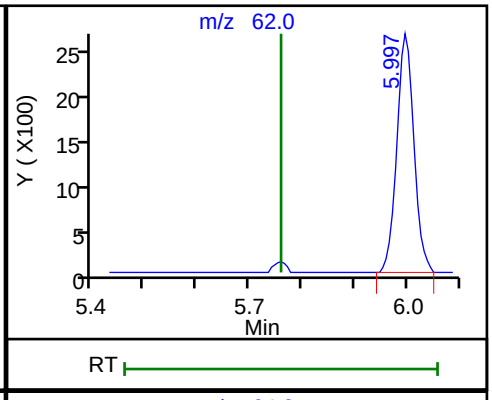
Eurofins TestAmerica, Edison

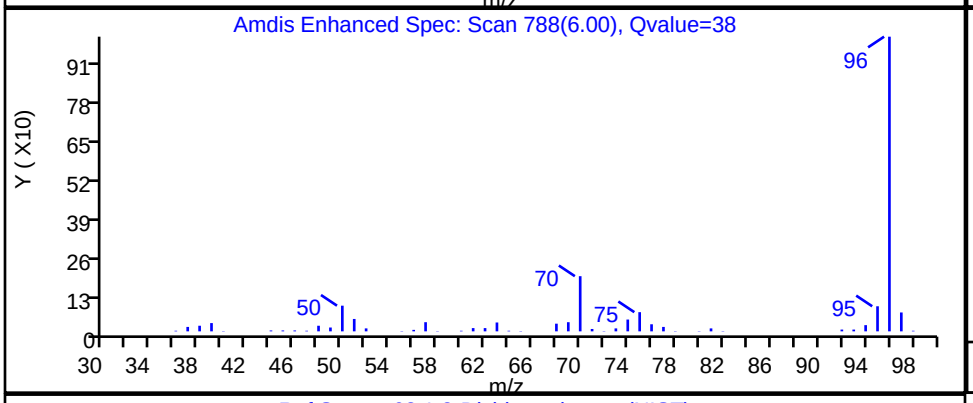
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73022.D		
Injection Date:	01-Oct-2020 02:58:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-1-A	Lab Sample ID:	460-219360-1
Client ID:	GL-DS-092920-1		
Operator ID:		ALS Bottle#:	19 Worklist Smp#: 20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

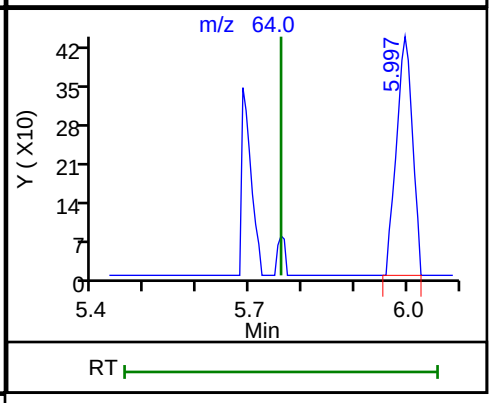
63 1,2-Dichloroethane, CAS: 107-06-2

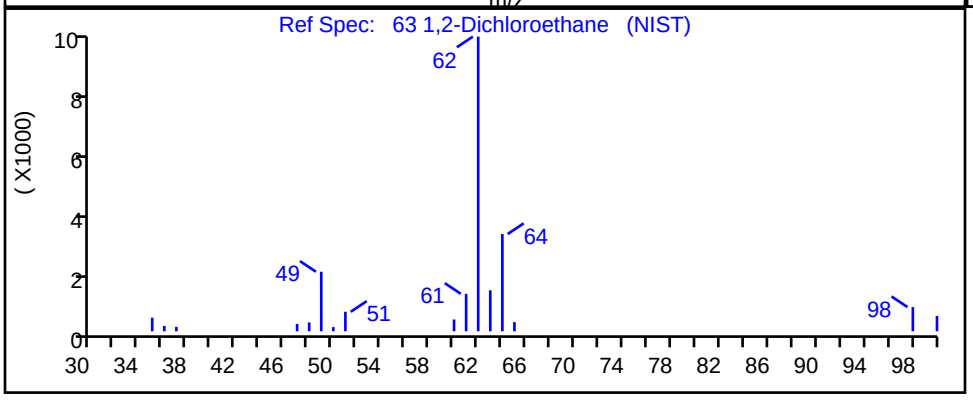
Processing Results











RT	Mass	Response	Amount
6.00	62.00	6037	1.751152
6.00	64.00	926	

Reviewer: tupayachia, 01-Oct-2020 08:28:36

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-2 Lab Sample ID: 460-219360-2

Matrix: Solid Lab File ID: D73023.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:45

Sample wt/vol: 12.34(g) Date Analyzed: 10/01/2020 03:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.6 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00041	U	0.00041	0.000096
79-34-5	1,1,2,2-Tetrachloroethane	0.00041	U	0.00041	0.000088
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00041	U	0.00041	0.00012
79-00-5	1,1,2-Trichloroethane	0.00041	U	0.00041	0.000073
75-34-3	1,1-Dichloroethane	0.00041	U	0.00041	0.000085
75-35-4	1,1-Dichloroethene	0.00041	U	0.00041	0.000093
87-61-6	1,2,3-Trichlorobenzene	0.00041	U	0.00041	0.000075
120-82-1	1,2,4-Trichlorobenzene	0.00041	U	0.00041	0.00015
96-12-8	1,2-Dibromo-3-Chloropropane	0.00041	U	0.00041	0.00019
95-50-1	1,2-Dichlorobenzene	0.00041	U	0.00041	0.000059
107-06-2	1,2-Dichloroethane	0.00041	U	0.00041	0.00012
78-87-5	1,2-Dichloropropane	0.00041	U	0.00041	0.00017
541-73-1	1,3-Dichlorobenzene	0.00041	U	0.00041	0.000065
106-46-7	1,4-Dichlorobenzene	0.00041	U	0.00041	0.000093
123-91-1	1,4-Dioxane	0.0082	U	0.0082	0.0038
78-93-3	2-Butanone (MEK)	0.0021	U	0.0021	0.0011
591-78-6	2-Hexanone	0.0021	U	0.0021	0.00070
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0021	0.00064
67-64-1	Acetone	0.0025	U	0.0025	0.0024
107-02-8	Acrolein	0.041	U	0.041	0.012
107-13-1	Acrylonitrile	0.0041	U	0.0041	0.00068
71-43-2	Benzene	0.00041	U	0.00041	0.00011
75-25-2	Bromoform	0.00041	U	0.00041	0.00017
74-83-9	Bromomethane	0.00041	U	0.00041	0.00020
75-15-0	Carbon disulfide	0.00041	U	0.00041	0.00011
56-23-5	Carbon tetrachloride	0.00041	U	0.00041	0.00016
108-90-7	Chlorobenzene	0.00041	U	0.00041	0.000073
74-97-5	Chlorobromomethane	0.00041	U	0.00041	0.00012
124-48-1	Chlorodibromomethane	0.00041	U	0.00041	0.000080
75-00-3	Chloroethane	0.00041	U	0.00041	0.00021
67-66-3	Chloroform	0.00041	U	0.00041	0.00013
74-87-3	Chloromethane	0.00041	U	0.00041	0.00018
156-59-2	cis-1,2-Dichloroethene	0.00041	U	0.00041	0.000063
10061-01-5	cis-1,3-Dichloropropene	0.00041	U	0.00041	0.00011
110-82-7	Cyclohexane	0.00041	U	0.00041	0.000091

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-2 Lab Sample ID: 460-219360-2

Matrix: Solid Lab File ID: D73023.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:45

Sample wt/vol: 12.34(g) Date Analyzed: 10/01/2020 03:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.6 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00041	U	0.00041	0.00011
75-71-8	Dichlorodifluoromethane	0.00041	U	0.00041	0.00014
100-41-4	Ethylbenzene	0.00041	U	0.00041	0.000082
106-93-4	Ethylene Dibromide	0.00041	U	0.00041	0.000074
98-82-8	Isopropylbenzene	0.00041	U	0.00041	0.000052
79-20-9	Methyl acetate	0.0021	U	0.0021	0.0018
1634-04-4	Methyl tert-butyl ether	0.00041	U	0.00041	0.000051
108-87-2	Methylcyclohexane	0.00041	U	0.00041	0.00021
75-09-2	Methylene Chloride	0.00080		0.00041	0.00019
179601-23-1	m-Xylene & p-Xylene	0.00041	U	0.00041	0.000072
95-47-6	o-Xylene	0.00041	U	0.00041	0.000080
100-42-5	Styrene	0.00041	U	0.00041	0.00011
75-65-0	TBA	0.0041	U	0.0041	0.0014
127-18-4	Tetrachloroethene	0.00041	U	0.00041	0.000059
108-88-3	Toluene	0.00019	J	0.00041	0.000096
156-60-5	trans-1,2-Dichloroethene	0.00041	U	0.00041	0.00010
10061-02-6	trans-1,3-Dichloropropene	0.00041	U	0.00041	0.00011
79-01-6	Trichloroethene	0.00041	U	0.00041	0.000059
75-69-4	Trichlorofluoromethane	0.00041	U	0.00041	0.00017
75-01-4	Vinyl chloride	0.00041	U	0.00041	0.00022

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73023.D
Lims ID: 460-219360-B-2-A
Client ID: GL-DS-092920-2
Sample Type: Client
Inject. Date: 01-Oct-2020 03:26:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-2-A
Misc. Info.: 460-0117606-021
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:29:02 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:29:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	89	7977	1.94	
* 31 TBA-d9 (IS)	65	3.381	3.388	-0.007	0	190257	1000.0	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	55	232148	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	163816	57.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.661	5.662	-0.001	95	141215	62.2	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	552188	50.0	
* 71 1,4-Dioxane-d8	96	6.862	6.869	-0.007	0	13438	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	564551	52.0	
83 Toluene	91	7.899	7.899	0.000	93	7505	0.4690	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	390928	50.0	
$ 104 4-Bromofluorobenzene	174	10.154	10.155	-0.001	0	158515	52.3	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	189389	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

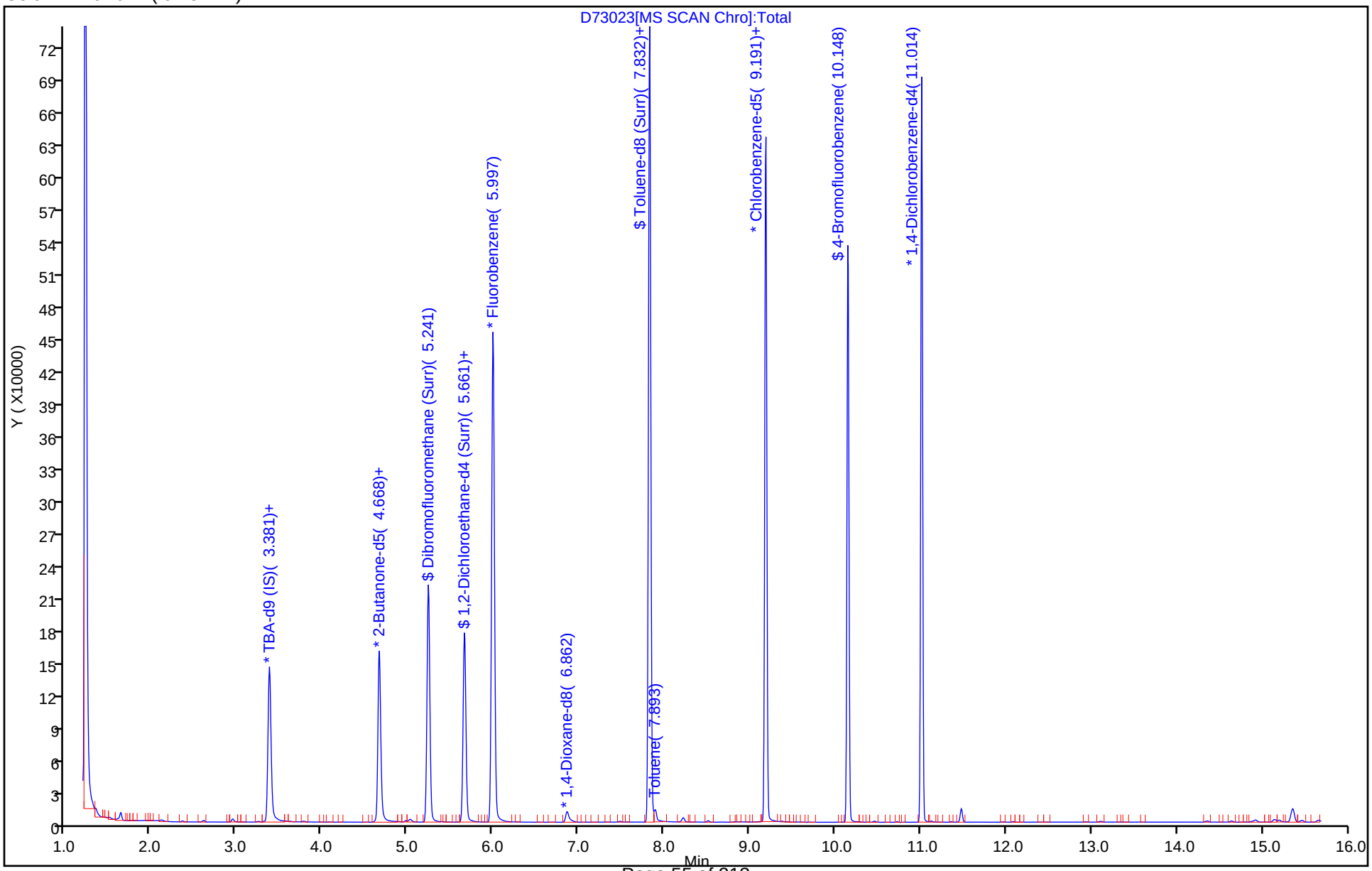
Report Date: 01-Oct-2020 08:29:02 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73023.D

Injection Date:	01-Oct-2020 03:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-2-A	Lab Sample ID:	460-219360-2	Worklist Smp#:	21
Client ID:	GL-DS-092920-2				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

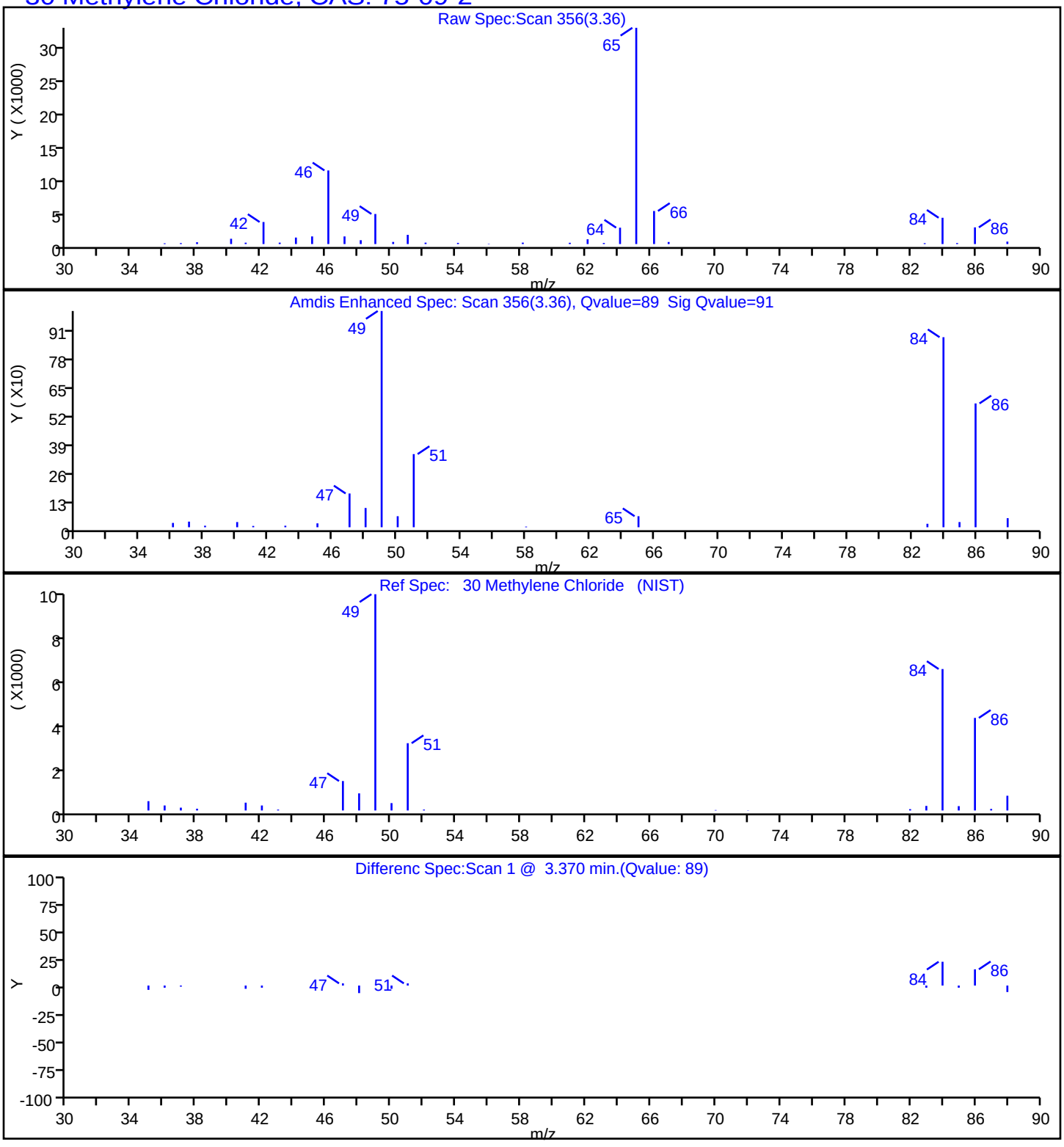


Report Date: 01-Oct-2020 08:29:02 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73023.D				
Injection Date:	01-Oct-2020 03:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-2-A	Lab Sample ID:	460-219360-2		
Client ID:	GL-DS-092920-2				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

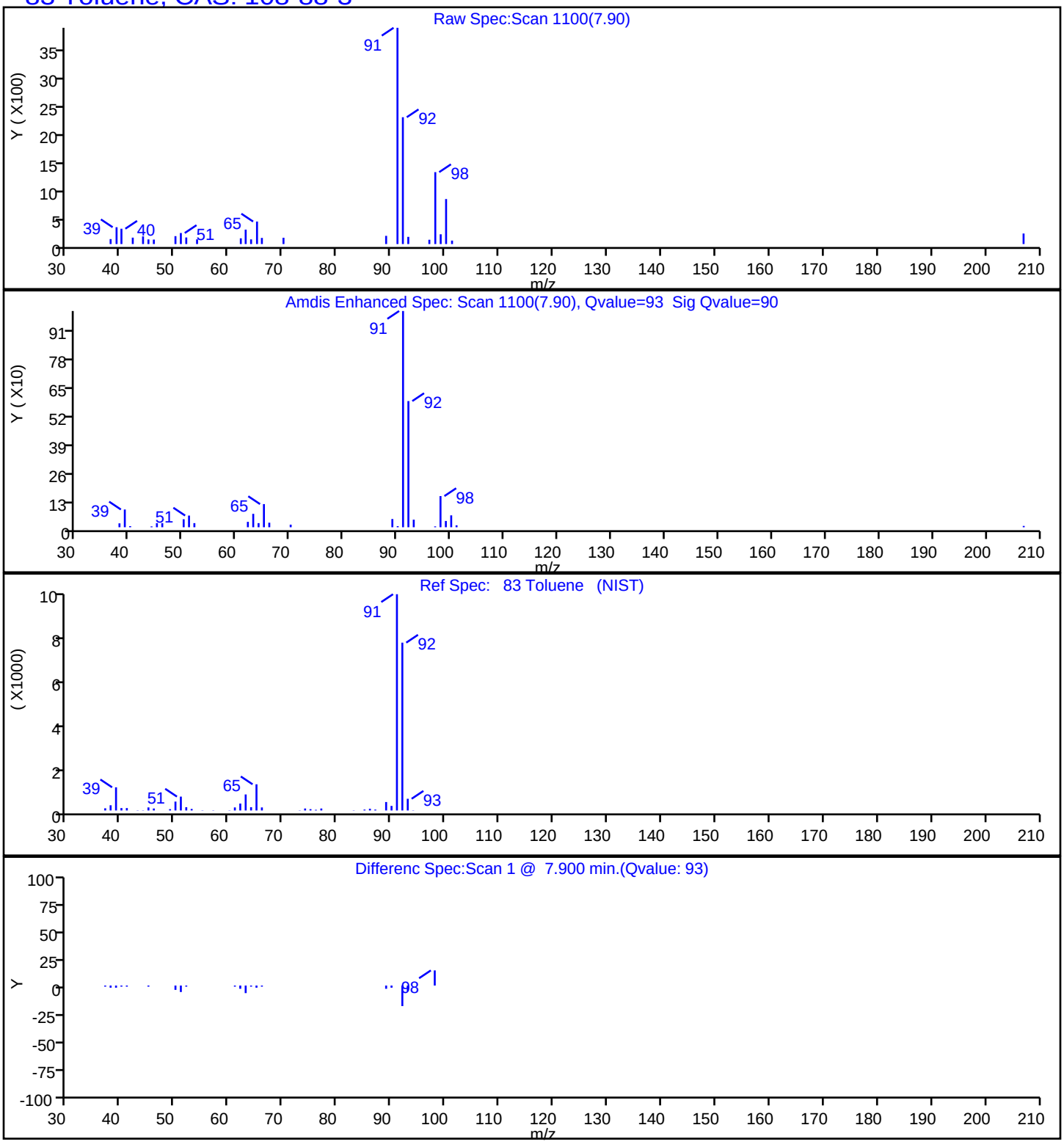


Report Date: 01-Oct-2020 08:29:02 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73023.D				
Injection Date:	01-Oct-2020 03:26:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-2-A	Lab Sample ID:	460-219360-2		
Client ID:	GL-DS-092920-2				
Operator ID:		ALS Bottle#:	20	Worklist Smp#:	21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

83 Toluene, CAS: 108-88-3



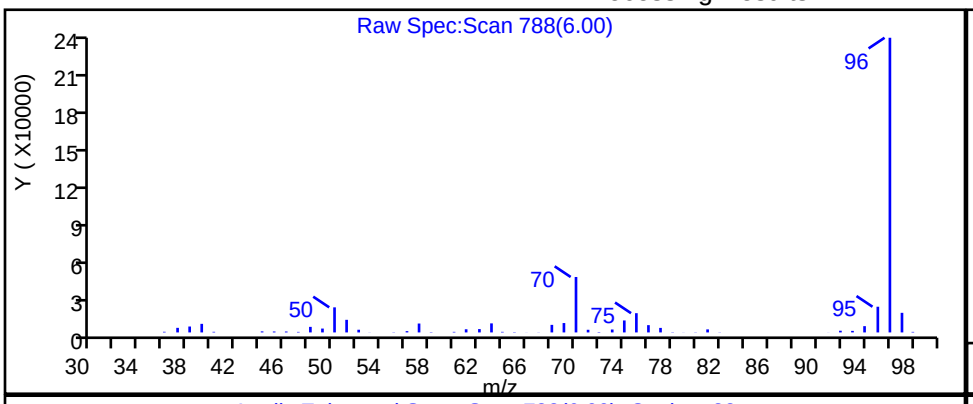
User Disabled Compound Report

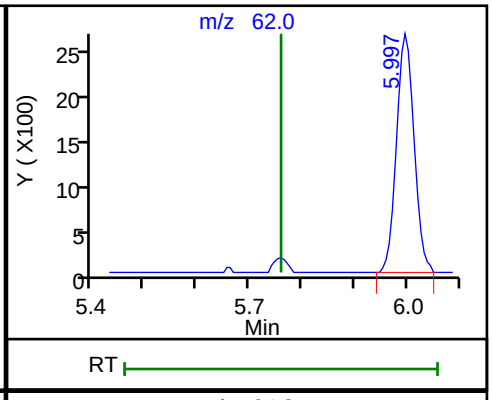
Eurofins TestAmerica, Edison

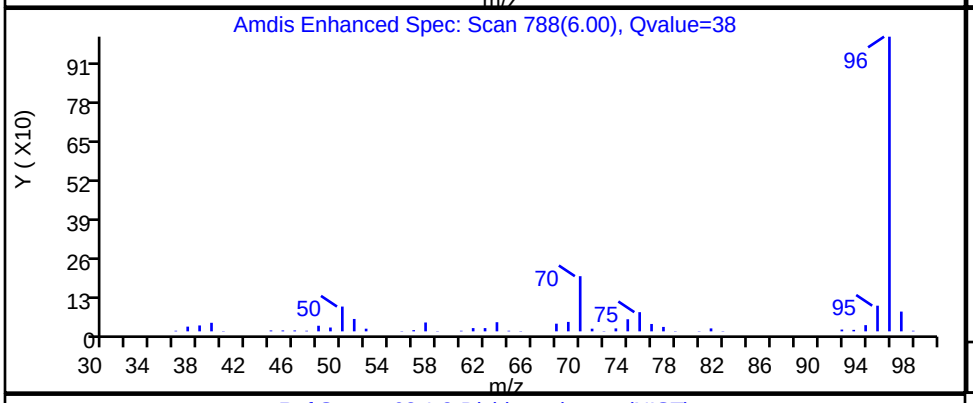
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73023.D		
Injection Date:	01-Oct-2020 03:26:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-2-A	Lab Sample ID:	460-219360-2
Client ID:	GL-DS-092920-2		
Operator ID:		ALS Bottle#:	20 Worklist Smp#: 21
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

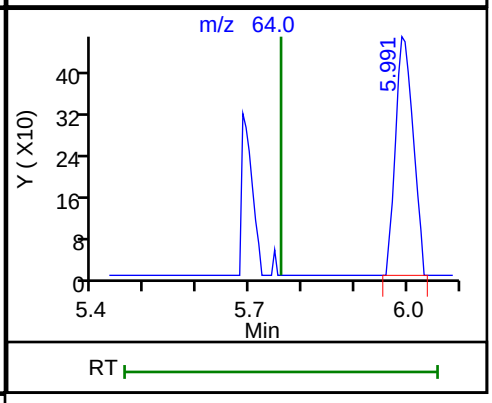
63 1,2-Dichloroethane, CAS: 107-06-2

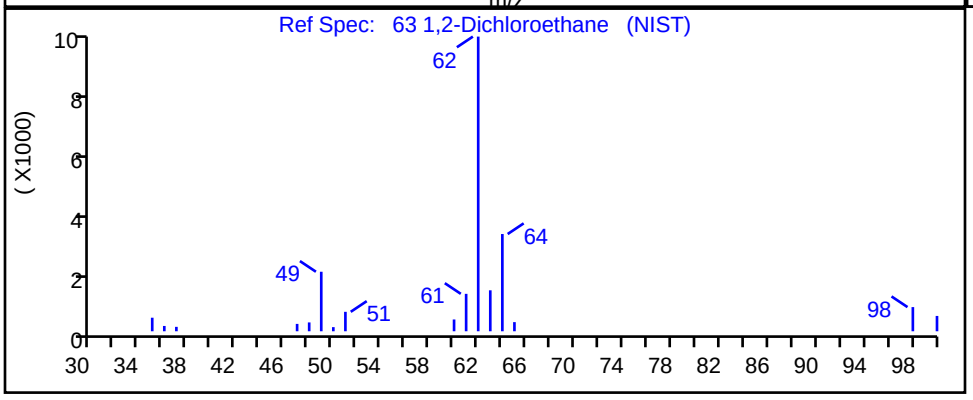
Processing Results











RT	Mass	Response	Amount
6.00	62.00	6106	1.749638
5.99	64.00	1099	

Reviewer: tupayachia, 01-Oct-2020 08:28:55

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-3 Lab Sample ID: 460-219360-3

Matrix: Solid Lab File ID: D73024.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:50

Sample wt/vol: 12.01(g) Date Analyzed: 10/01/2020 03:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00042	U	0.00042	0.000099
79-34-5	1,1,2,2-Tetrachloroethane	0.00042	U	0.00042	0.000091
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00042	U	0.00042	0.00013
79-00-5	1,1,2-Trichloroethane	0.00042	U	0.00042	0.000076
75-34-3	1,1-Dichloroethane	0.00042	U	0.00042	0.000087
75-35-4	1,1-Dichloroethene	0.00042	U	0.00042	0.000096
87-61-6	1,2,3-Trichlorobenzene	0.00042	U	0.00042	0.000077
120-82-1	1,2,4-Trichlorobenzene	0.00042	U	0.00042	0.00015
96-12-8	1,2-Dibromo-3-Chloropropane	0.00042	U	0.00042	0.00020
95-50-1	1,2-Dichlorobenzene	0.00042	U	0.00042	0.000061
107-06-2	1,2-Dichloroethane	0.00042	U	0.00042	0.00013
78-87-5	1,2-Dichloropropane	0.00042	U	0.00042	0.00018
541-73-1	1,3-Dichlorobenzene	0.00042	U	0.00042	0.000068
106-46-7	1,4-Dichlorobenzene	0.00042	U	0.00042	0.000096
123-91-1	1,4-Dioxane	0.0085	U	0.0085	0.0039
78-93-3	2-Butanone (MEK)	0.0021	U	0.0021	0.0011
591-78-6	2-Hexanone	0.0021	U	0.0021	0.00073
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0021	U	0.0021	0.00066
67-64-1	Acetone	0.0025	U	0.0025	0.0024
107-02-8	Acrolein	0.042	U	0.042	0.012
107-13-1	Acrylonitrile	0.0042	U	0.0042	0.00070
71-43-2	Benzene	0.00042	U	0.00042	0.00011
75-25-2	Bromoform	0.00042	U	0.00042	0.00018
74-83-9	Bromomethane	0.00042	U	0.00042	0.00020
75-15-0	Carbon disulfide	0.00042	U	0.00042	0.00011
56-23-5	Carbon tetrachloride	0.00042	U	0.00042	0.00016
108-90-7	Chlorobenzene	0.00042	U	0.00042	0.000075
74-97-5	Chlorobromomethane	0.00042	U	0.00042	0.00012
124-48-1	Chlorodibromomethane	0.00042	U	0.00042	0.000082
75-00-3	Chloroethane	0.00042	U	0.00042	0.00022
67-66-3	Chloroform	0.00042	U	0.00042	0.00014
74-87-3	Chloromethane	0.00042	U	0.00042	0.00018
156-59-2	cis-1,2-Dichloroethene	0.00042	U	0.00042	0.000065
10061-01-5	cis-1,3-Dichloropropene	0.00042	U	0.00042	0.00012
110-82-7	Cyclohexane	0.00042	U	0.00042	0.000094

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-3 Lab Sample ID: 460-219360-3

Matrix: Solid Lab File ID: D73024.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:50

Sample wt/vol: 12.01(g) Date Analyzed: 10/01/2020 03:54

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00042	U	0.00042	0.00011
75-71-8	Dichlorodifluoromethane	0.00042	U	0.00042	0.00014
100-41-4	Ethylbenzene	0.00042	U	0.00042	0.000084
106-93-4	Ethylene Dibromide	0.00042	U	0.00042	0.000076
98-82-8	Isopropylbenzene	0.00042	U	0.00042	0.000054
79-20-9	Methyl acetate	0.0021	U	0.0021	0.0018
1634-04-4	Methyl tert-butyl ether	0.00042	U	0.00042	0.000053
108-87-2	Methylcyclohexane	0.00042	U	0.00042	0.00021
75-09-2	Methylene Chloride	0.00072		0.00042	0.00020
179601-23-1	m-Xylene & p-Xylene	0.00042	U	0.00042	0.000074
95-47-6	o-Xylene	0.00042	U	0.00042	0.000082
100-42-5	Styrene	0.00042	U	0.00042	0.00012
75-65-0	TBA	0.0042	U	0.0042	0.0014
127-18-4	Tetrachloroethene	0.00042	U	0.00042	0.000061
108-88-3	Toluene	0.00041	J	0.00042	0.000099
156-60-5	trans-1,2-Dichloroethene	0.00042	U	0.00042	0.00010
10061-02-6	trans-1,3-Dichloropropene	0.00042	U	0.00042	0.00011
79-01-6	Trichloroethene	0.00042	U	0.00042	0.000061
75-69-4	Trichlorofluoromethane	0.00042	U	0.00042	0.00017
75-01-4	Vinyl chloride	0.00042	U	0.00042	0.00023

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		77-145
460-00-4	4-Bromofluorobenzene	102		79-125
1868-53-7	Dibromofluoromethane (Surr)	113		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73024.D
Lims ID: 460-219360-B-3-A
Client ID: GL-DS-092920-3
Sample Type: Client
Inject. Date: 01-Oct-2020 03:54:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-3-A
Misc. Info.: 460-0117606-022
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:29:02 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:29:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	87	7261	1.70	
* 31 TBA-d9 (IS)	65	3.382	3.388	-0.006	0	263792	1000.0	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	36	277361	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	98	167808	56.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	95	146169	62.0	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	573600	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	23335	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	571357	50.6	
83 Toluene	91	7.899	7.899	0.000	92	16159	0.9713	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	406412	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	164622	51.0	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	201767	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

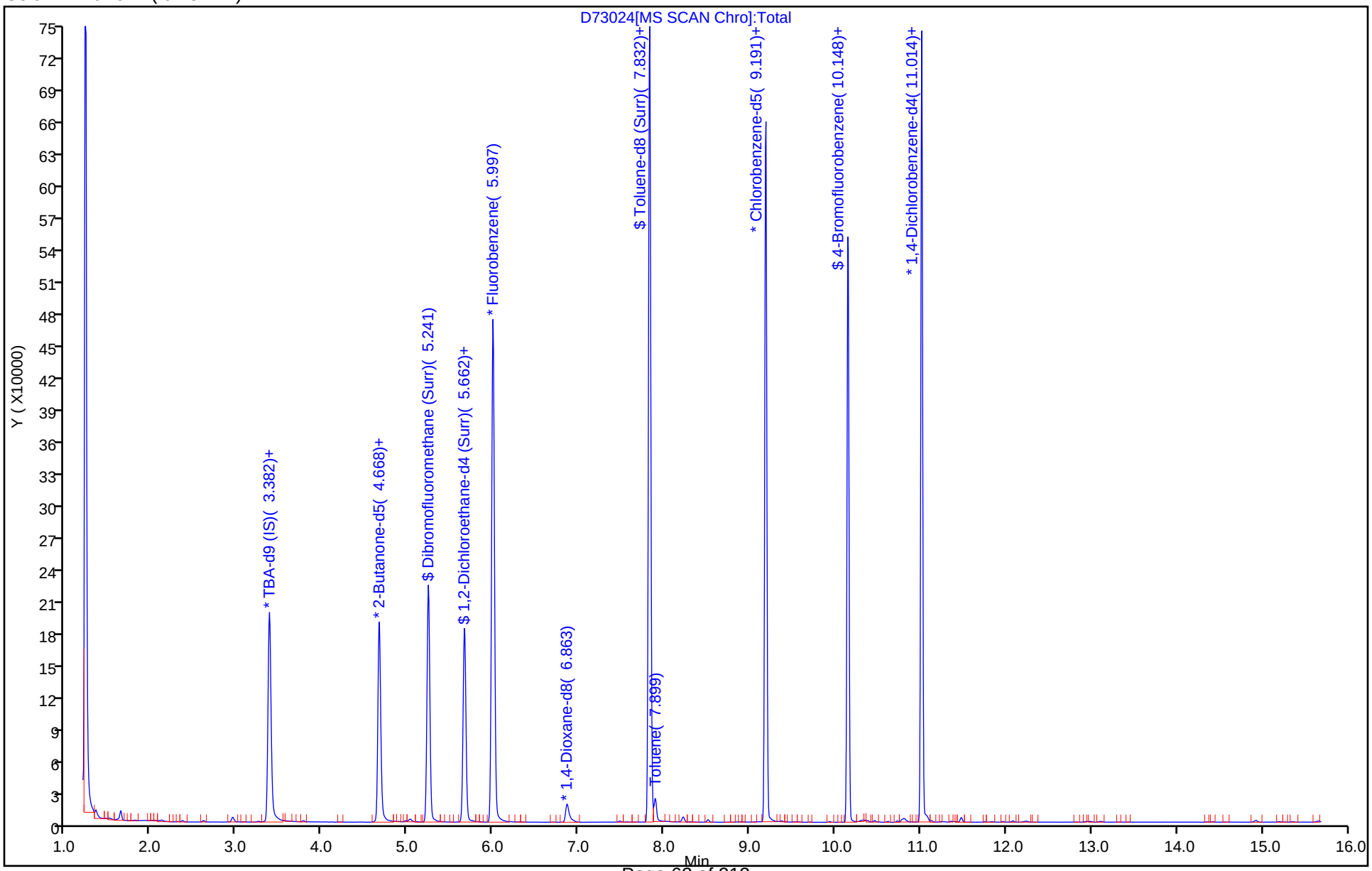
Report Date: 01-Oct-2020 08:29:19 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73024.D

Injection Date:	01-Oct-2020 03:54:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-3-A	Lab Sample ID:	460-219360-3	Worklist Smp#:	22
Client ID:	GL-DS-092920-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

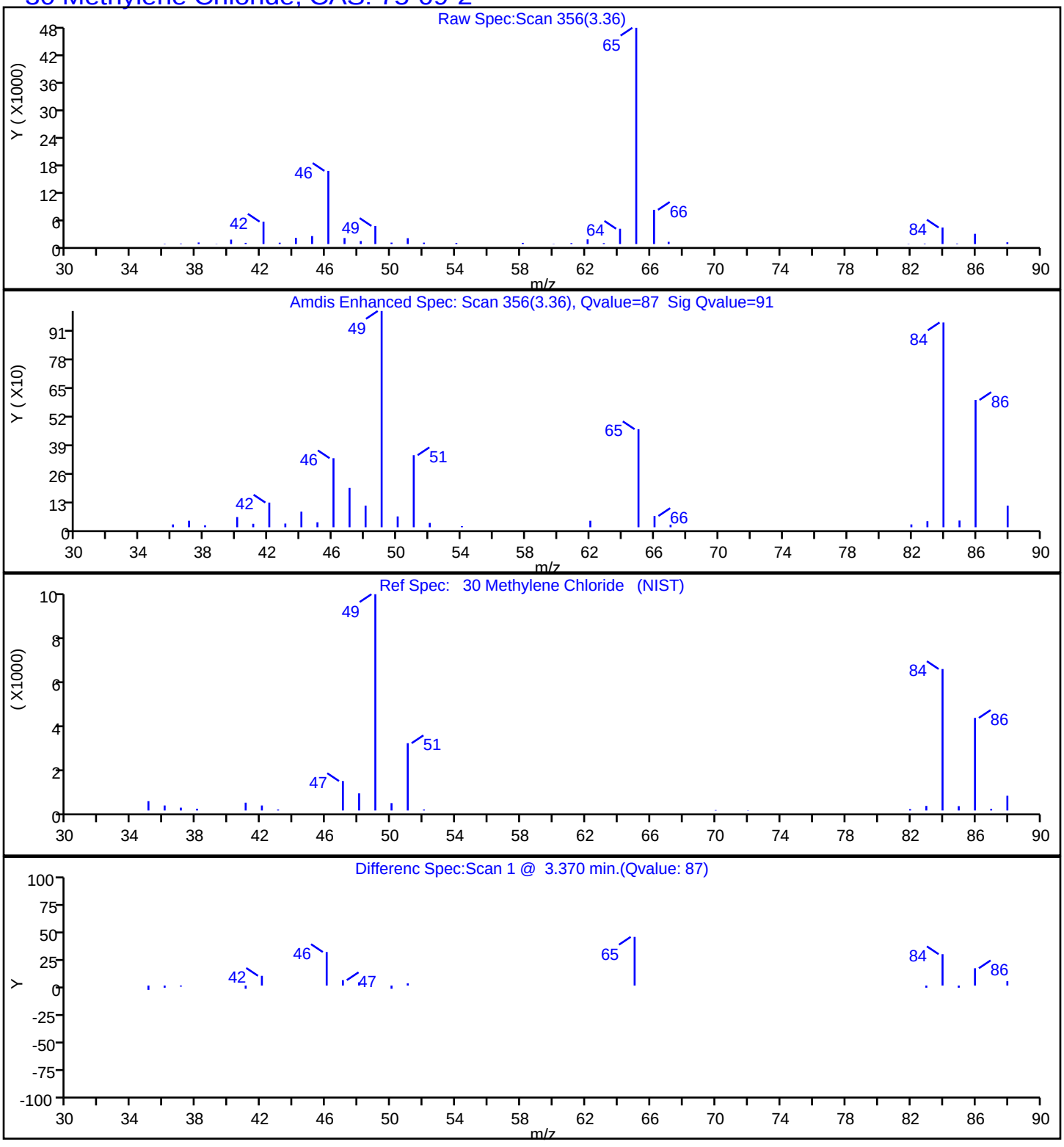


Report Date: 01-Oct-2020 08:29:19 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73024.D				
Injection Date:	01-Oct-2020 03:54:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-3-A	Lab Sample ID:	460-219360-3		
Client ID:	GL-DS-092920-3				
Operator ID:		ALS Bottle#:	21	Worklist Smp#:	22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

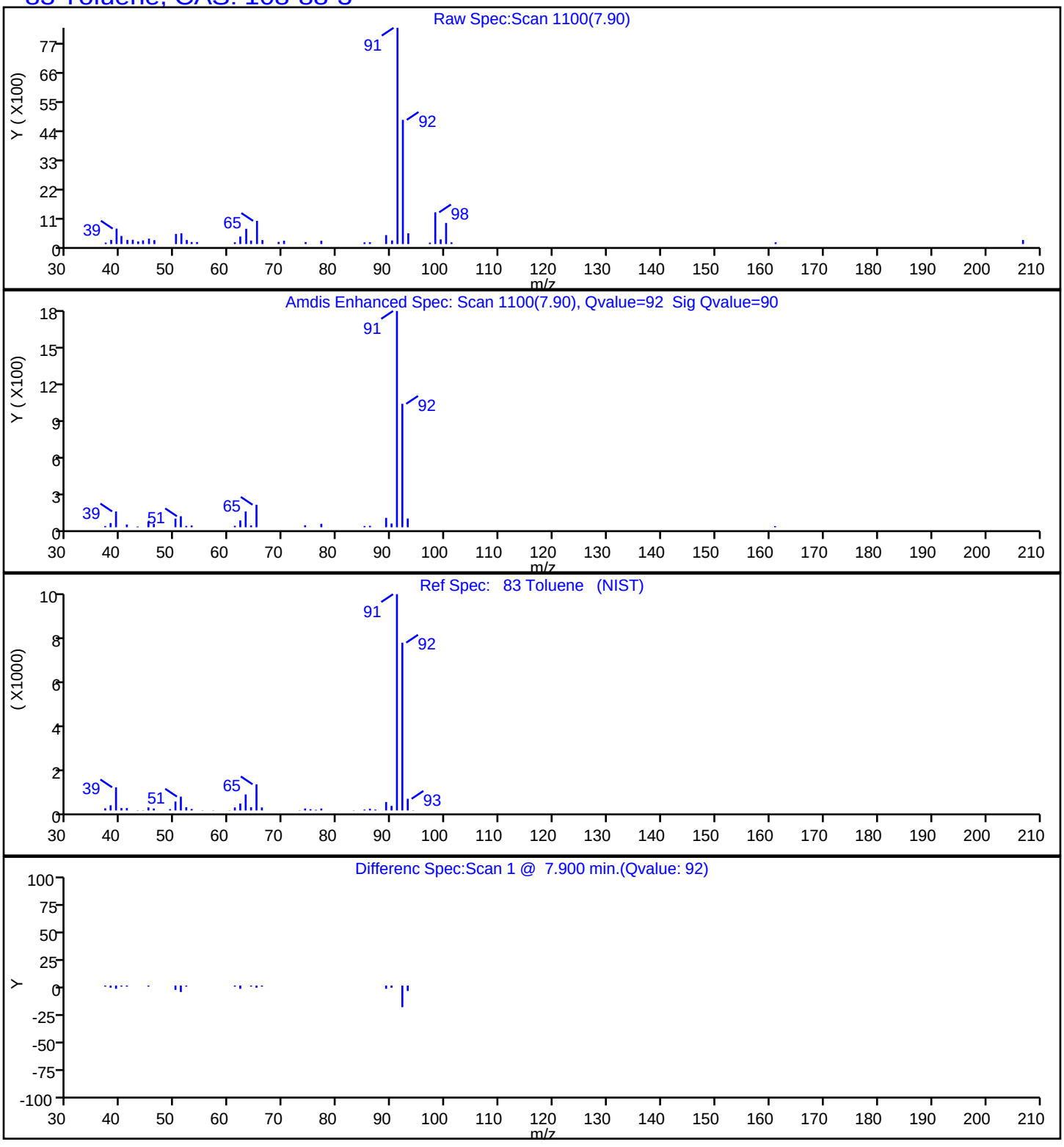


Report Date: 01-Oct-2020 08:29:19 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73024.D		
Injection Date:	01-Oct-2020 03:54:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-3-A	Lab Sample ID:	460-219360-3
Client ID:	GL-DS-092920-3		
Operator ID:		ALS Bottle#:	21 Worklist Smp#: 22
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

83 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-4 Lab Sample ID: 460-219360-4

Matrix: Solid Lab File ID: D73025.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:55

Sample wt/vol: 13.41(g) Date Analyzed: 10/01/2020 04:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.4 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00038	U	0.00038	0.000088
79-34-5	1,1,2,2-Tetrachloroethane	0.00038	U	0.00038	0.000081
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00038	U	0.00038	0.00011
79-00-5	1,1,2-Trichloroethane	0.00038	U	0.00038	0.000067
75-34-3	1,1-Dichloroethane	0.00038	U	0.00038	0.000078
75-35-4	1,1-Dichloroethene	0.00038	U	0.00038	0.000085
87-61-6	1,2,3-Trichlorobenzene	0.00038	U	0.00038	0.000068
120-82-1	1,2,4-Trichlorobenzene	0.00038	U	0.00038	0.00014
96-12-8	1,2-Dibromo-3-Chloropropane	0.00038	U	0.00038	0.00017
95-50-1	1,2-Dichlorobenzene	0.00038	U	0.00038	0.000054
107-06-2	1,2-Dichloroethane	0.00038	U	0.00038	0.00011
78-87-5	1,2-Dichloropropane	0.00038	U	0.00038	0.00016
541-73-1	1,3-Dichlorobenzene	0.00038	U	0.00038	0.000060
106-46-7	1,4-Dichlorobenzene	0.00038	U	0.00038	0.000085
123-91-1	1,4-Dioxane	0.0076	U	0.0076	0.0035
78-93-3	2-Butanone (MEK)	0.0019	U	0.0019	0.0010
591-78-6	2-Hexanone	0.0019	U	0.0019	0.00065
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0019	U	0.0019	0.00059
67-64-1	Acetone	0.0023	U	0.0023	0.0022
107-02-8	Acrolein	0.038	U	0.038	0.011
107-13-1	Acrylonitrile	0.0038	U	0.0038	0.00062
71-43-2	Benzene	0.00038	U	0.00038	0.000098
75-25-2	Bromoform	0.00038	U	0.00038	0.00016
74-83-9	Bromomethane	0.00038	U	0.00038	0.00018
75-15-0	Carbon disulfide	0.00038	U	0.00038	0.00010
56-23-5	Carbon tetrachloride	0.00038	U	0.00038	0.00015
108-90-7	Chlorobenzene	0.00038	U	0.00038	0.000067
74-97-5	Chlorobromomethane	0.00038	U	0.00038	0.00011
124-48-1	Chlorodibromomethane	0.00038	U	0.00038	0.000073
75-00-3	Chloroethane	0.00038	U	0.00038	0.00020
67-66-3	Chloroform	0.00038	U	0.00038	0.00012
74-87-3	Chloromethane	0.00038	U	0.00038	0.00016
156-59-2	cis-1,2-Dichloroethene	0.00038	U	0.00038	0.000057
10061-01-5	cis-1,3-Dichloropropene	0.00038	U	0.00038	0.00010
110-82-7	Cyclohexane	0.00038	U	0.00038	0.000084

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-4 Lab Sample ID: 460-219360-4

Matrix: Solid Lab File ID: D73025.D

Analysis Method: 8260C Date Collected: 09/29/2020 10:55

Sample wt/vol: 13.41(g) Date Analyzed: 10/01/2020 04:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 1.4 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00038	U	0.00038	0.000097
75-71-8	Dichlorodifluoromethane	0.00038	U	0.00038	0.00013
100-41-4	Ethylbenzene	0.00038	U	0.00038	0.000075
106-93-4	Ethylene Dibromide	0.00038	U	0.00038	0.000068
98-82-8	Isopropylbenzene	0.00038	U	0.00038	0.000048
79-20-9	Methyl acetate	0.0019	U	0.0019	0.0016
1634-04-4	Methyl tert-butyl ether	0.00038	U	0.00038	0.000047
108-87-2	Methylcyclohexane	0.00038	U	0.00038	0.00019
75-09-2	Methylene Chloride	0.00039		0.00038	0.00018
179601-23-1	m-Xylene & p-Xylene	0.00038	U	0.00038	0.000066
95-47-6	o-Xylene	0.00038	U	0.00038	0.000073
100-42-5	Styrene	0.00038	U	0.00038	0.00011
75-65-0	TBA	0.0038	U	0.0038	0.0012
127-18-4	Tetrachloroethene	0.00038	U	0.00038	0.000054
108-88-3	Toluene	0.00036	J	0.00038	0.000088
156-60-5	trans-1,2-Dichloroethene	0.00038	U	0.00038	0.000093
10061-02-6	trans-1,3-Dichloropropene	0.00038	U	0.00038	0.00010
79-01-6	Trichloroethene	0.00038	U	0.00038	0.000054
75-69-4	Trichlorofluoromethane	0.00038	U	0.00038	0.00015
75-01-4	Vinyl chloride	0.00038	U	0.00038	0.00021

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	128		77-145
460-00-4	4-Bromofluorobenzene	106		79-125
1868-53-7	Dibromofluoromethane (Surr)	116		48-150
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73025.D
Lims ID: 460-219360-B-4-A
Client ID: GL-DS-092920-4
Sample Type: Client
Inject. Date: 01-Oct-2020 04:21:30 ALS Bottle#: 22 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-4-A
Misc. Info.: 460-0117606-023
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:29:35 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:29:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	90	4186	1.04	
* 31 TBA-d9 (IS)	65	3.382	3.388	-0.006	0	219295	1000.0	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	74	246410	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	163294	58.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	95	142482	64.0	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	541492	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	19507	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	559560	52.2	
83 Toluene	91	7.899	7.899	0.000	93	14834	0.9392	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	385811	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	160220	52.8	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	189498	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

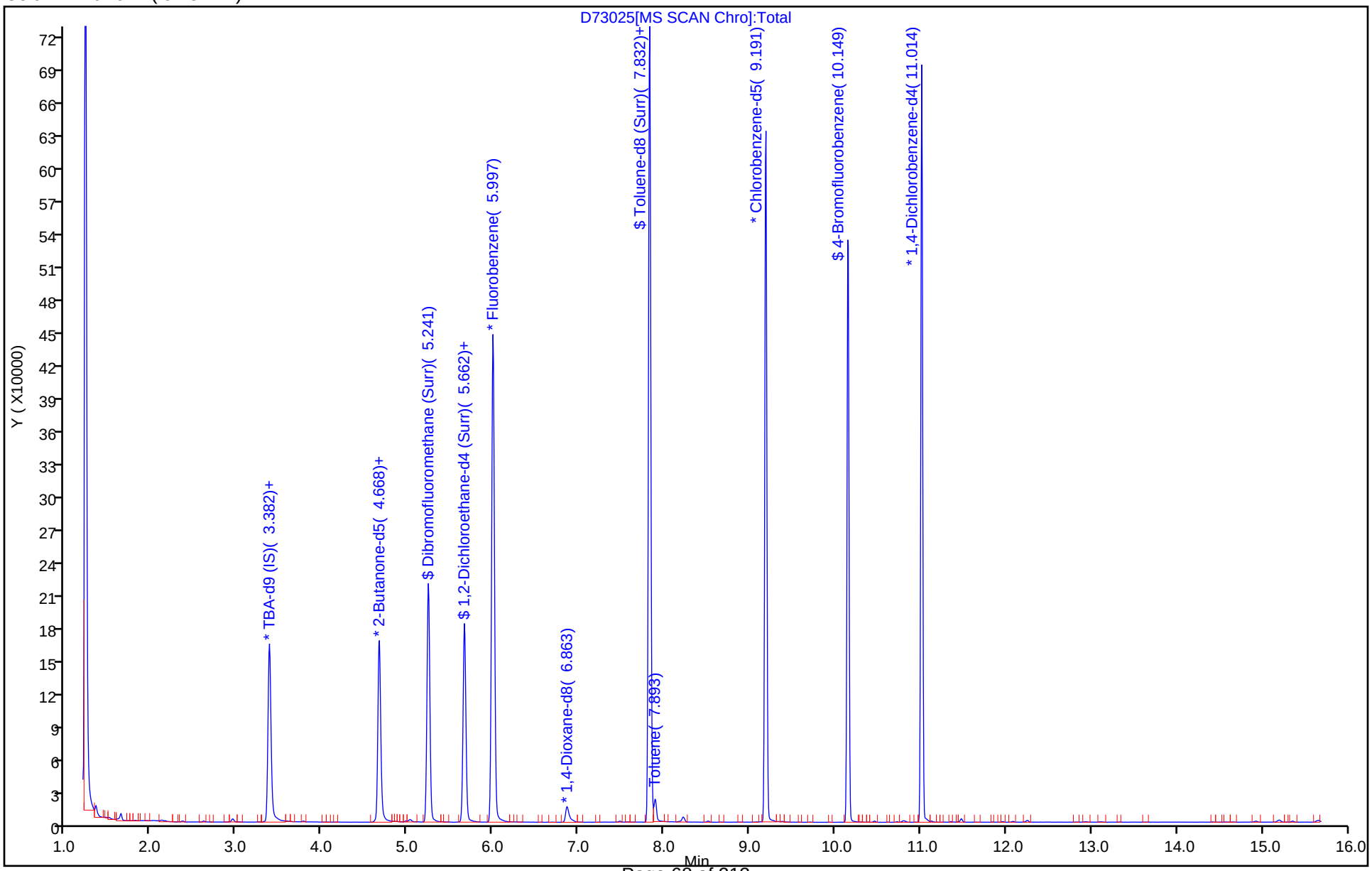
Report Date: 01-Oct-2020 08:29:35 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73025.D

Injection Date:	01-Oct-2020 04:21:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-4-A	Lab Sample ID:	460-219360-4	Worklist Smp#:	23
Client ID:	GL-DS-092920-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

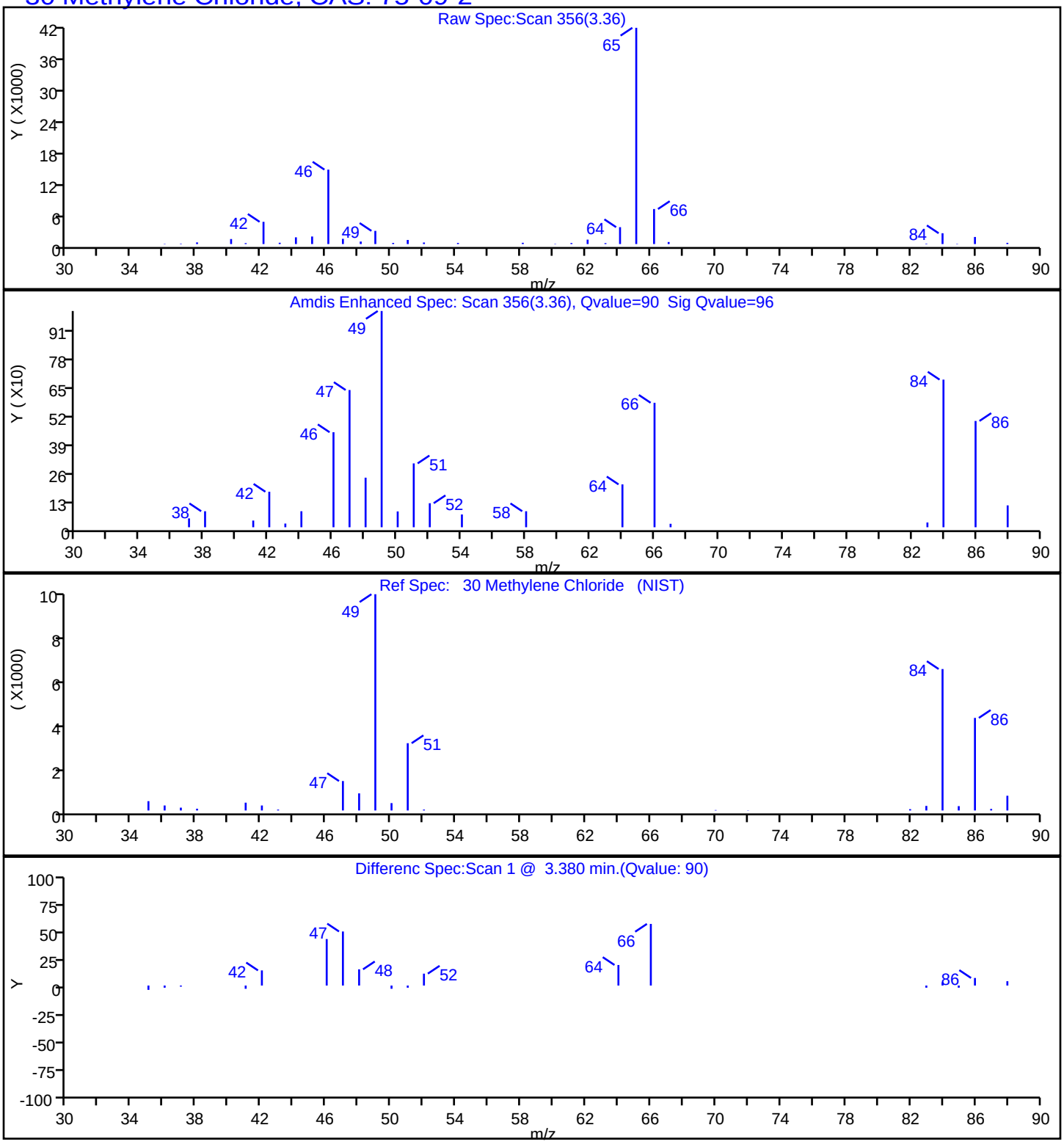


Report Date: 01-Oct-2020 08:29:36 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73025.D		
Injection Date:	01-Oct-2020 04:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-4-A	Lab Sample ID:	460-219360-4
Client ID:	GL-DS-092920-4		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

30 Methylene Chloride, CAS: 75-09-2

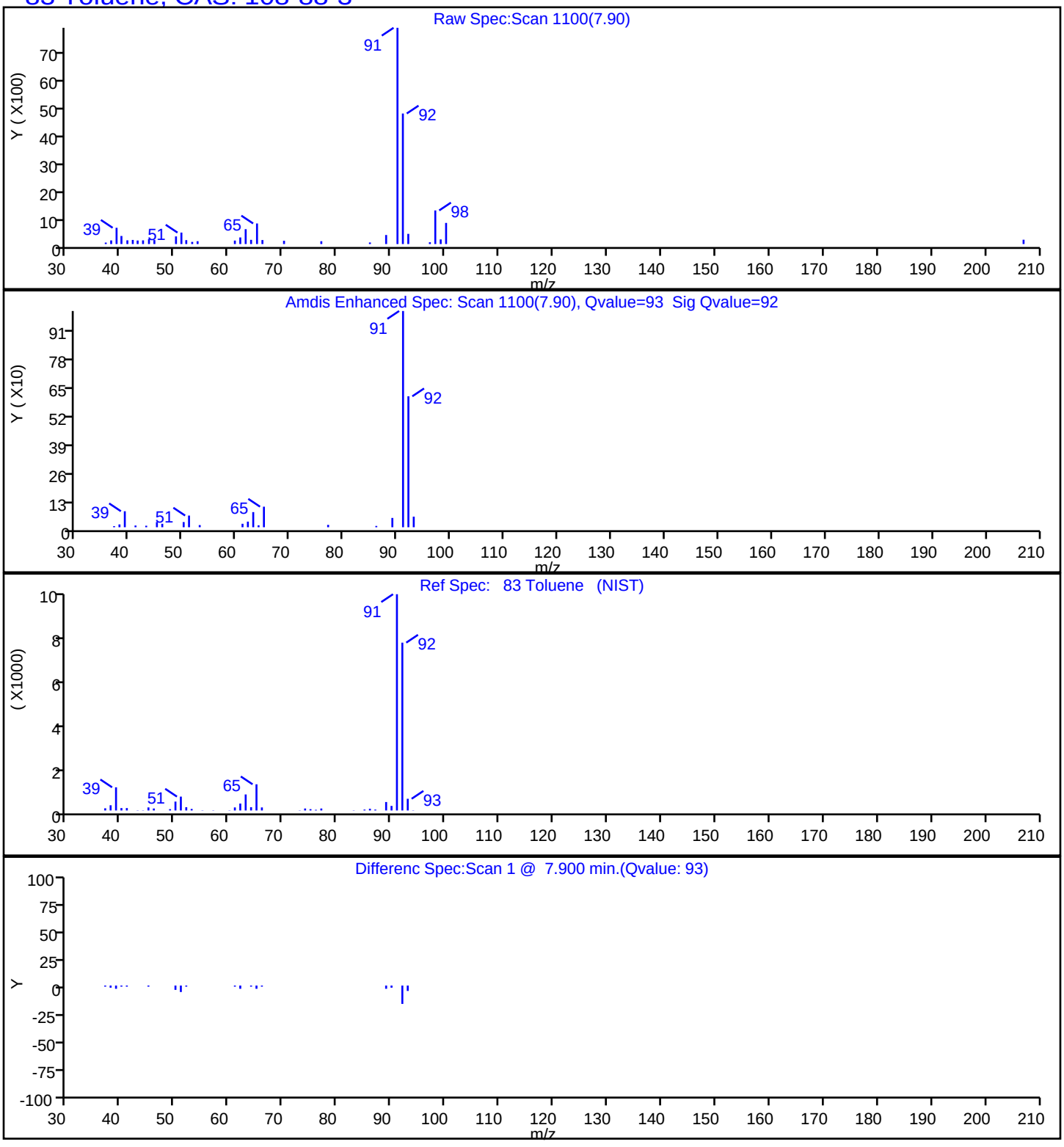


Report Date: 01-Oct-2020 08:29:36 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73025.D		
Injection Date:	01-Oct-2020 04:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-4-A	Lab Sample ID:	460-219360-4
Client ID:	GL-DS-092920-4		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

83 Toluene, CAS: 108-88-3



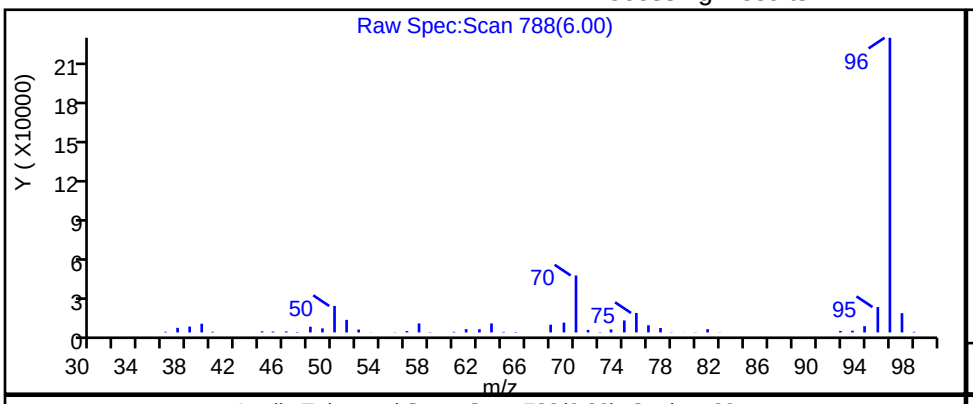
User Disabled Compound Report

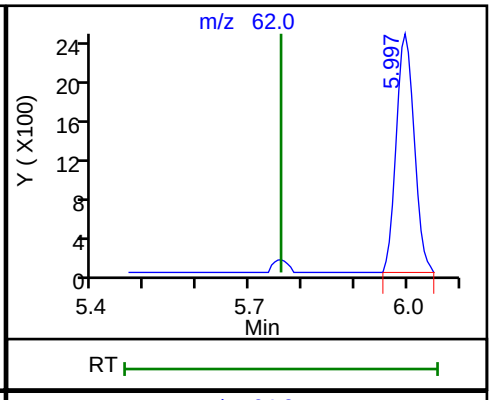
Eurofins TestAmerica, Edison

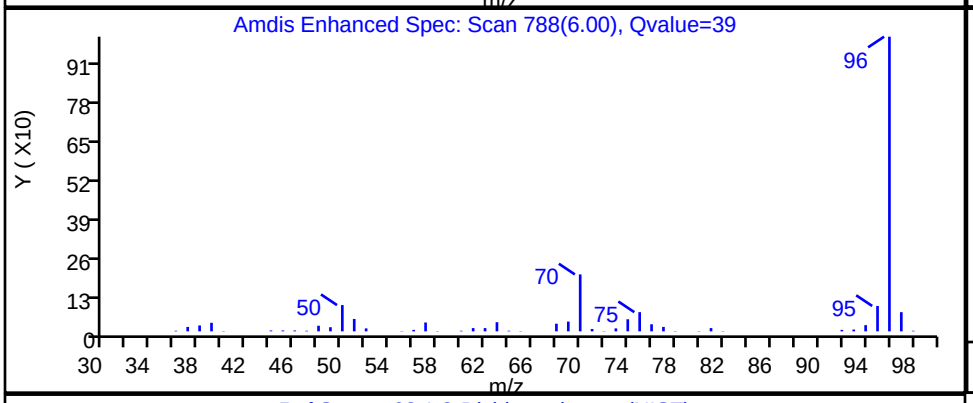
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73025.D		
Injection Date:	01-Oct-2020 04:21:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-4-A	Lab Sample ID:	460-219360-4
Client ID:	GL-DS-092920-4		
Operator ID:		ALS Bottle#:	22 Worklist Smp#: 23
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

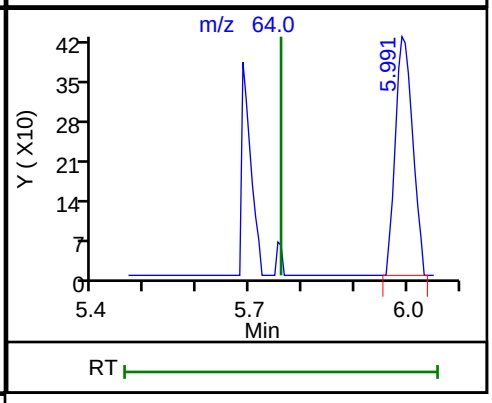
63 1,2-Dichloroethane, CAS: 107-06-2

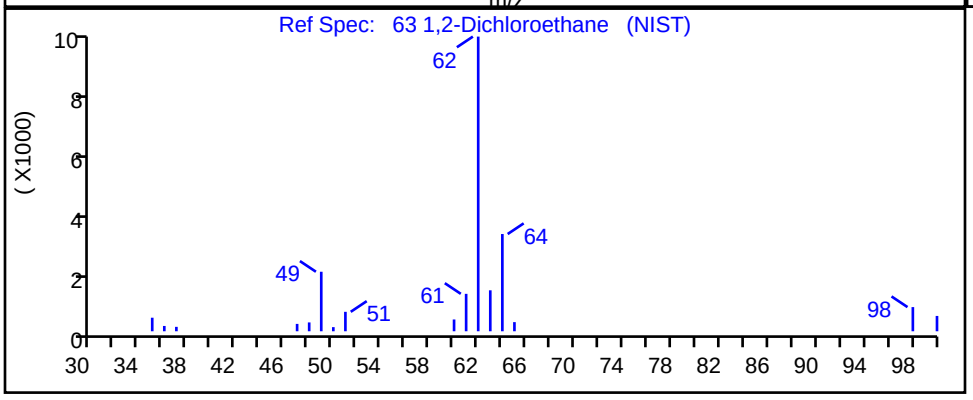
Processing Results











RT	Mass	Response	Amount
6.00	62.00	5778	1.688355
5.99	64.00	976	

Reviewer: tupayachia, 01-Oct-2020 08:29:28

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-5 Lab Sample ID: 460-219360-5

Matrix: Solid Lab File ID: D73026.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:00

Sample wt/vol: 10.7(g) Date Analyzed: 10/01/2020 04:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00049	U	0.00049	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00049	U	0.00049	0.00011
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00049	U	0.00049	0.00015
79-00-5	1,1,2-Trichloroethane	0.00049	U	0.00049	0.000087
75-34-3	1,1-Dichloroethane	0.00049	U	0.00049	0.00010
75-35-4	1,1-Dichloroethene	0.00049	U	0.00049	0.00011
87-61-6	1,2,3-Trichlorobenzene	0.00049	U	0.00049	0.000089
120-82-1	1,2,4-Trichlorobenzene	0.00049	U	0.00049	0.00018
96-12-8	1,2-Dibromo-3-Chloropropane	0.00049	U	0.00049	0.00023
95-50-1	1,2-Dichlorobenzene	0.00049	U	0.00049	0.000071
107-06-2	1,2-Dichloroethane	0.00049	U	0.00049	0.00015
78-87-5	1,2-Dichloropropane	0.00049	U	0.00049	0.00021
541-73-1	1,3-Dichlorobenzene	0.00049	U	0.00049	0.000078
106-46-7	1,4-Dichlorobenzene	0.00049	U	0.00049	0.00011
123-91-1	1,4-Dioxane	0.0098	U	0.0098	0.0045
78-93-3	2-Butanone (MEK)	0.0025	U	0.0025	0.0013
591-78-6	2-Hexanone	0.0025	U	0.0025	0.00084
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0025	U	0.0025	0.00076
67-64-1	Acetone	0.0029	U	0.0029	0.0028
107-02-8	Acrolein	0.049	U	0.049	0.014
107-13-1	Acrylonitrile	0.0049	U	0.0049	0.00080
71-43-2	Benzene	0.00049	U	0.00049	0.00013
75-25-2	Bromoform	0.00049	U	0.00049	0.00021
74-83-9	Bromomethane	0.00049	U	0.00049	0.00023
75-15-0	Carbon disulfide	0.00049	U	0.00049	0.00013
56-23-5	Carbon tetrachloride	0.00049	U	0.00049	0.00019
108-90-7	Chlorobenzene	0.00049	U	0.00049	0.000087
74-97-5	Chlorobromomethane	0.00049	U	0.00049	0.00014
124-48-1	Chlorodibromomethane	0.00049	U	0.00049	0.000095
75-00-3	Chloroethane	0.00049	U	0.00049	0.00026
67-66-3	Chloroform	0.00049	U	0.00049	0.00016
74-87-3	Chloromethane	0.00049	U	0.00049	0.00021
156-59-2	cis-1,2-Dichloroethene	0.00049	U	0.00049	0.000075
10061-01-5	cis-1,3-Dichloropropene	0.00049	U	0.00049	0.00013
110-82-7	Cyclohexane	0.00049	U	0.00049	0.00011

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-5 Lab Sample ID: 460-219360-5

Matrix: Solid Lab File ID: D73026.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:00

Sample wt/vol: 10.7(g) Date Analyzed: 10/01/2020 04:49

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 4.8 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00049	U	0.00049	0.00013
75-71-8	Dichlorodifluoromethane	0.00049	U	0.00049	0.00017
100-41-4	Ethylbenzene	0.00049	U	0.00049	0.000098
106-93-4	Ethylene Dibromide	0.00049	U	0.00049	0.000088
98-82-8	Isopropylbenzene	0.00049	U	0.00049	0.000062
79-20-9	Methyl acetate	0.0025	U	0.0025	0.0021
1634-04-4	Methyl tert-butyl ether	0.00049	U	0.00049	0.000061
108-87-2	Methylcyclohexane	0.00049	U	0.00049	0.00024
75-09-2	Methylene Chloride	0.00034	J	0.00049	0.00023
179601-23-1	m-Xylene & p-Xylene	0.00049	U	0.00049	0.000085
95-47-6	o-Xylene	0.00049	U	0.00049	0.000095
100-42-5	Styrene	0.00049	U	0.00049	0.00014
75-65-0	TBA	0.0049	U	0.0049	0.0016
127-18-4	Tetrachloroethene	0.00049	U	0.00049	0.000070
108-88-3	Toluene	0.00071		0.00049	0.00011
156-60-5	trans-1,2-Dichloroethene	0.00049	U	0.00049	0.00012
10061-02-6	trans-1,3-Dichloropropene	0.00049	U	0.00049	0.00013
79-01-6	Trichloroethene	0.00049	U	0.00049	0.000071
75-69-4	Trichlorofluoromethane	0.00049	U	0.00049	0.00020
75-01-4	Vinyl chloride	0.00049	U	0.00049	0.00027

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	130		77-145
460-00-4	4-Bromofluorobenzene	117		79-125
1868-53-7	Dibromofluoromethane (Surr)	118		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73026.D
Lims ID: 460-219360-B-5-A
Client ID: GL-DS-092920-5
Sample Type: Client
Inject. Date: 01-Oct-2020 04:49:30 ALS Bottle#: 23 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-5-A
Misc. Info.: 460-0117606-024
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:30:01 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:30:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	90	2662	0.6975	
* 31 TBA-d9 (IS)	65	3.382	3.388	-0.006	0	211840	1000.0	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	53	226505	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	156760	58.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	94	137417	65.2	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	512845	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	16815	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	516385	54.2	
83 Toluene	91	7.899	7.899	0.000	94	20285	1.45	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	342642	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	135363	58.3	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	94	145116	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

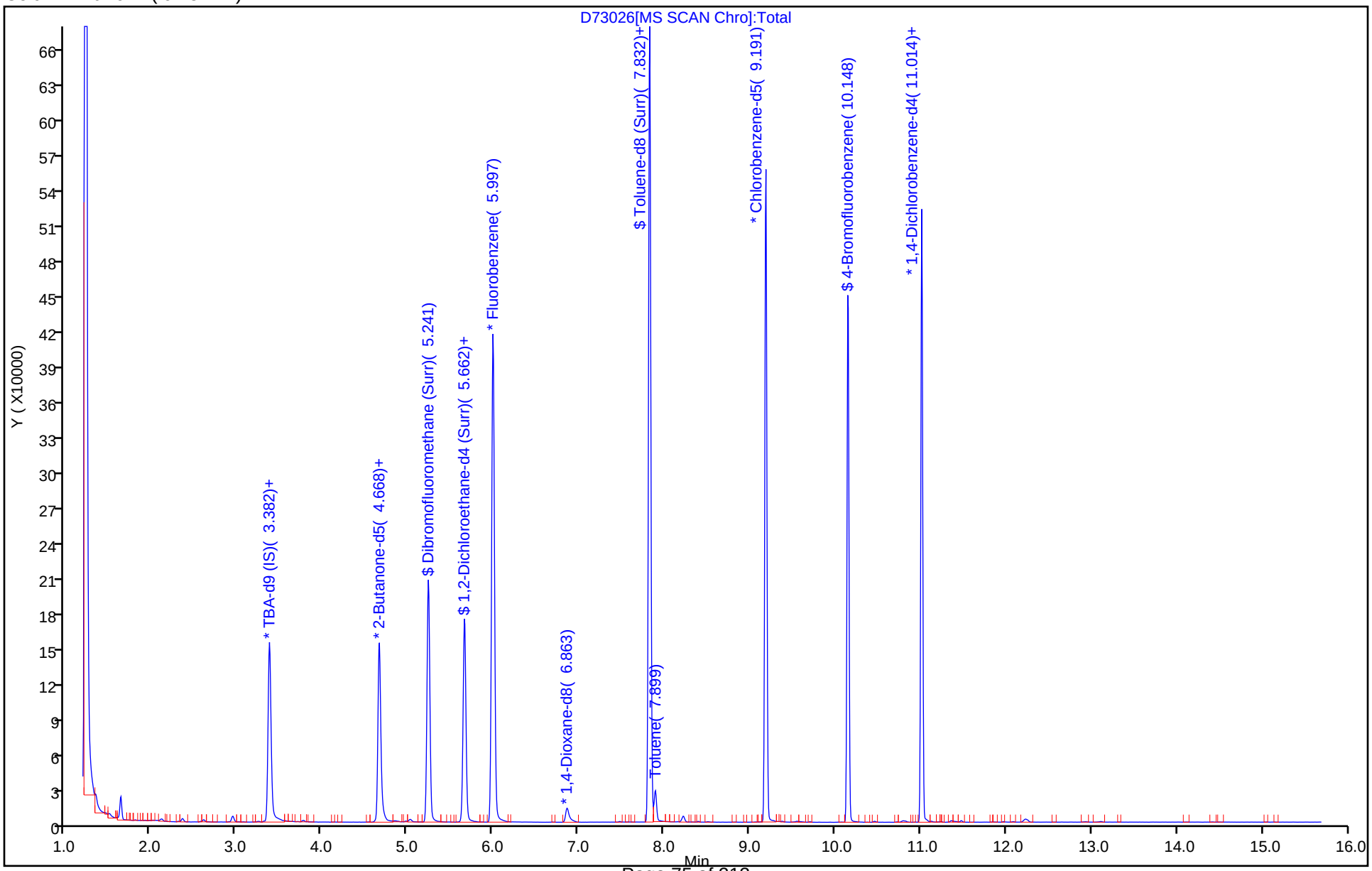
Report Date: 01-Oct-2020 08:30:01 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73026.D

Injection Date:	01-Oct-2020 04:49:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-5-A	Lab Sample ID:	460-219360-5	Worklist Smp#:	24
Client ID:	GL-DS-092920-5				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	23
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

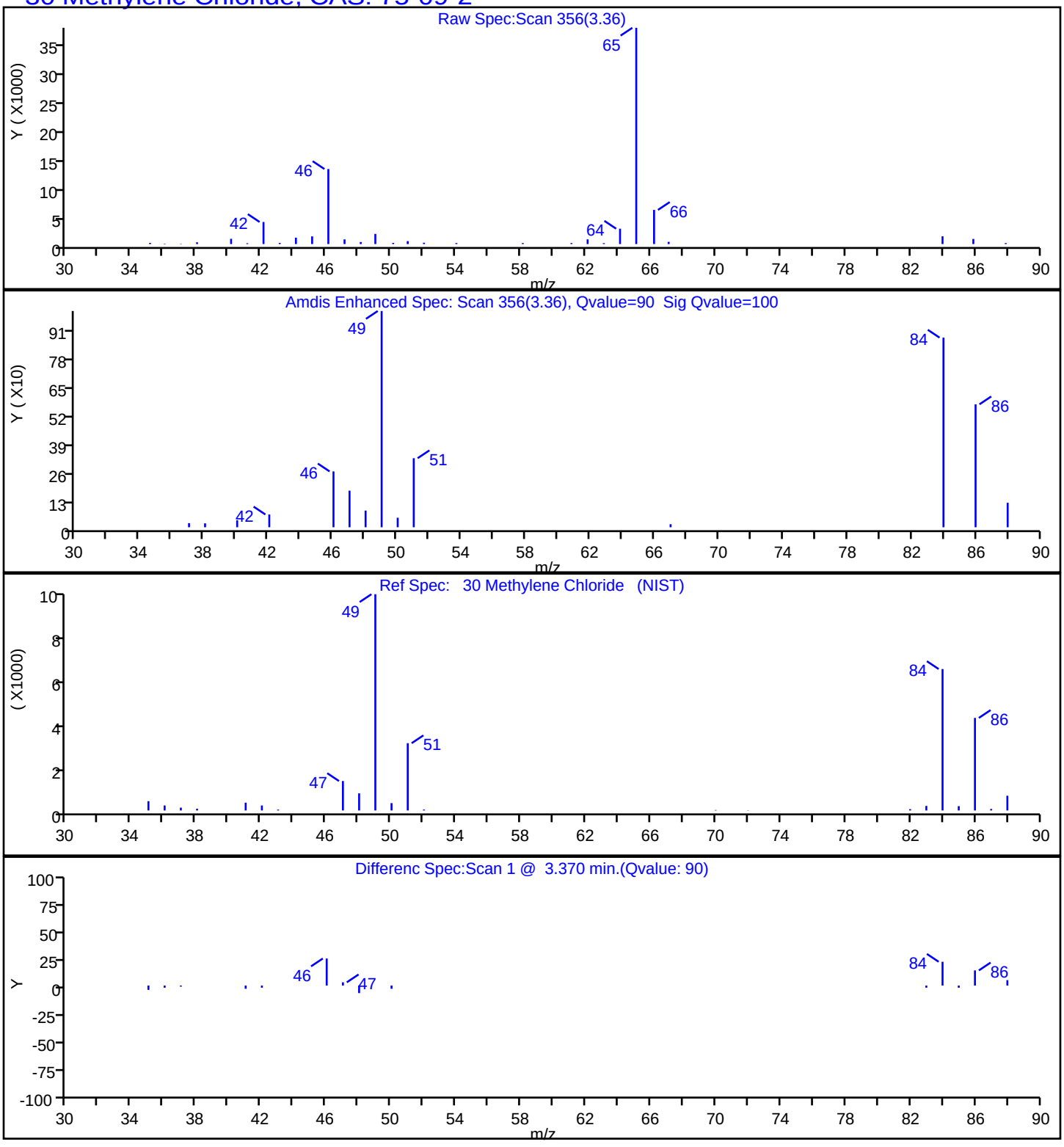


Report Date: 01-Oct-2020 08:30:01 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73026.D		
Injection Date:	01-Oct-2020 04:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-5-A	Lab Sample ID:	460-219360-5
Client ID:	GL-DS-092920-5		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

30 Methylene Chloride, CAS: 75-09-2



Report Date: 01-Oct-2020 08:30:02 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73026.D

Injection Date: 01-Oct-2020 04:49:30 Instrument ID: CVOAMS4

Lims ID: 460-219360-B-5-A Lab Sample ID: 460-219360-5

Client ID: GL-DS-092920-5

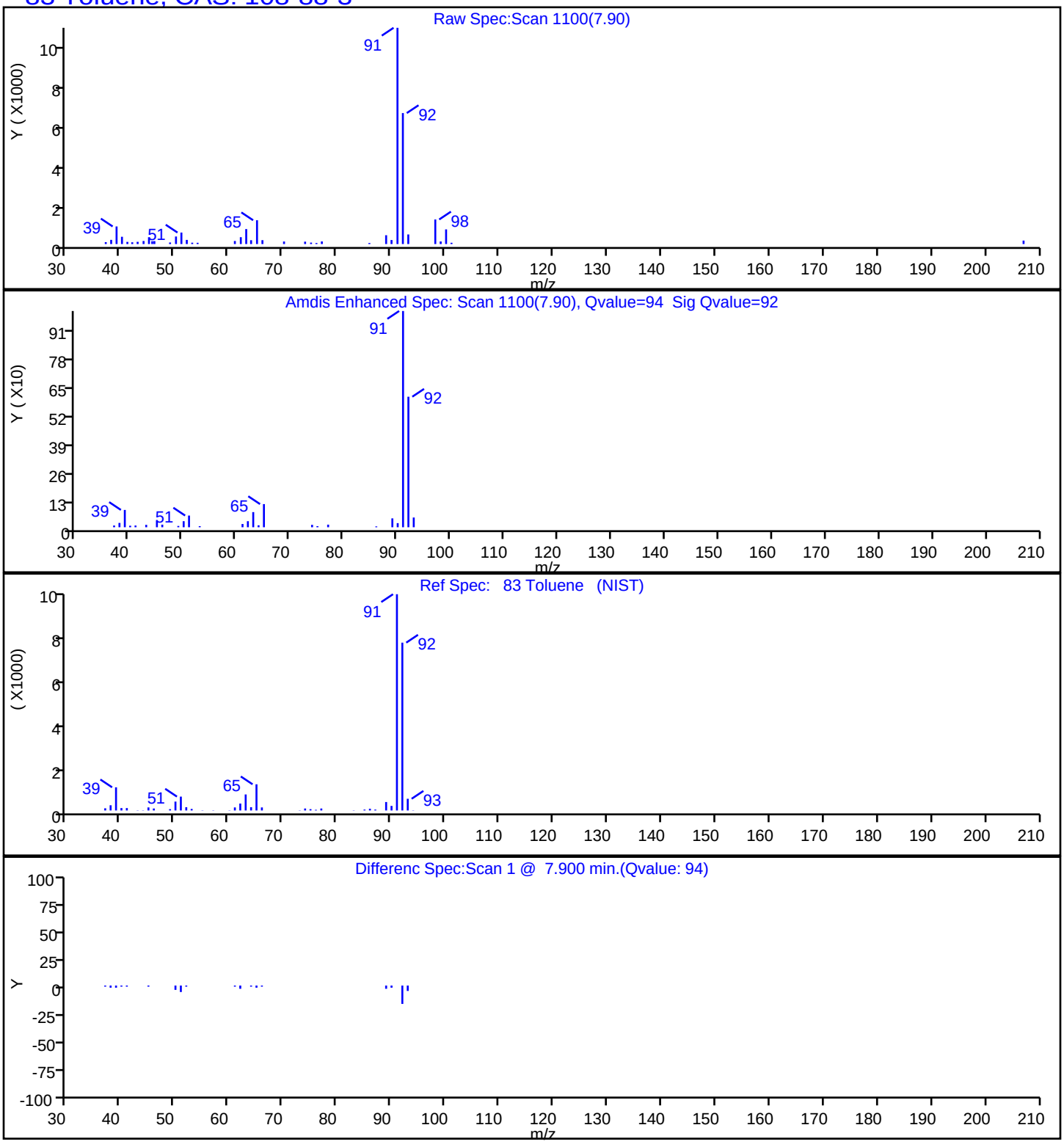
Operator ID: ALS Bottle#: 23 Worklist Smp#: 24

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 Toluene, CAS: 108-88-3



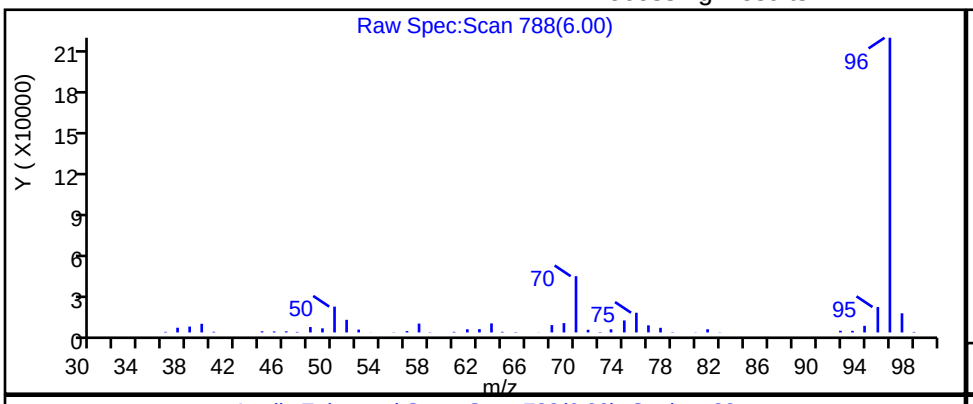
User Disabled Compound Report

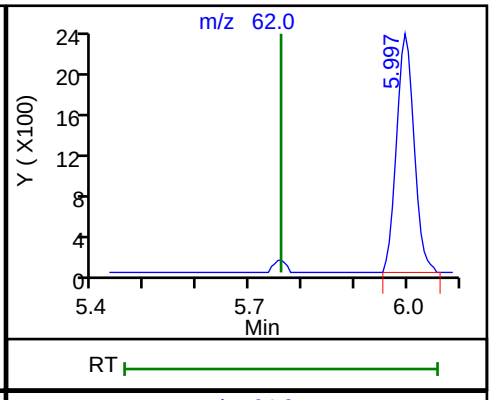
Eurofins TestAmerica, Edison

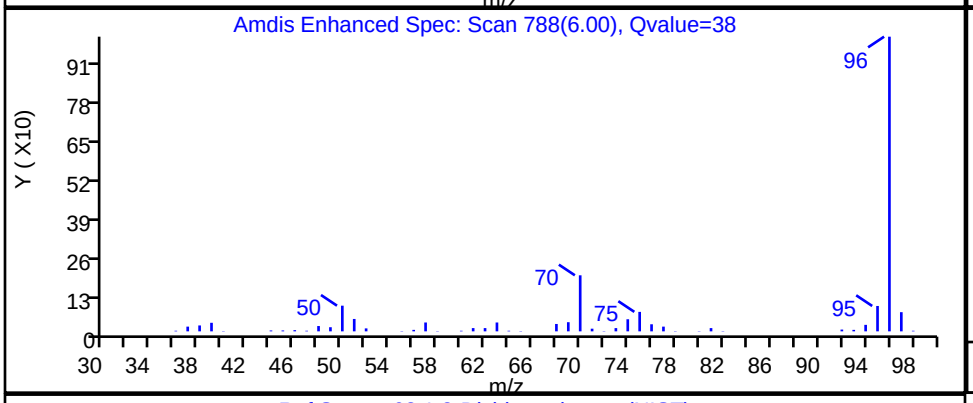
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73026.D		
Injection Date:	01-Oct-2020 04:49:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-5-A	Lab Sample ID:	460-219360-5
Client ID:	GL-DS-092920-5		
Operator ID:		ALS Bottle#:	23 Worklist Smp#: 24
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

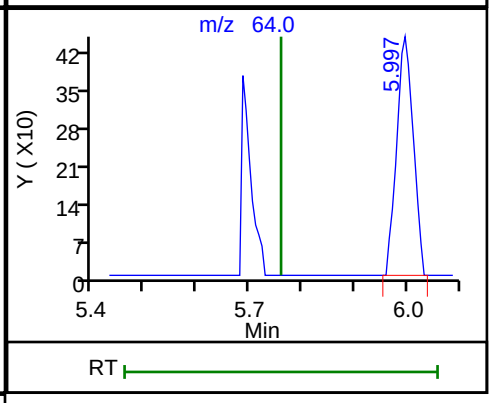
63 1,2-Dichloroethane, CAS: 107-06-2

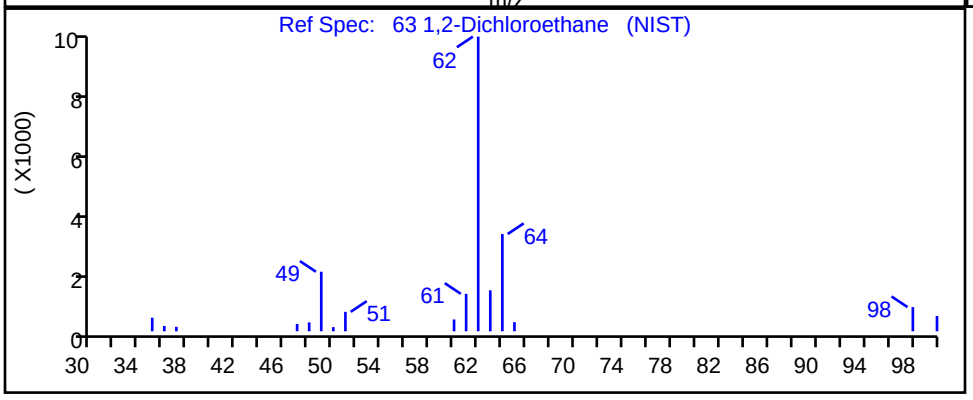
Processing Results











RT	Mass	Response	Amount
6.00	62.00	5580	1.721577
6.00	64.00	973	

Reviewer: tupayachia, 01-Oct-2020 08:29:53

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-6 Lab Sample ID: 460-219360-6

Matrix: Solid Lab File ID: D73027.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:05

Sample wt/vol: 14.35(g) Date Analyzed: 10/01/2020 05:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00036	U	0.00036	0.000083
79-34-5	1,1,2,2-Tetrachloroethane	0.00036	U	0.00036	0.000077
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00036	U	0.00036	0.00011
79-00-5	1,1,2-Trichloroethane	0.00036	U	0.00036	0.000064
75-34-3	1,1-Dichloroethane	0.00036	U	0.00036	0.000074
75-35-4	1,1-Dichloroethene	0.00036	U	0.00036	0.000080
87-61-6	1,2,3-Trichlorobenzene	0.00036	U	0.00036	0.000065
120-82-1	1,2,4-Trichlorobenzene	0.00036	U	0.00036	0.00013
96-12-8	1,2-Dibromo-3-Chloropropane	0.00036	U	0.00036	0.00016
95-50-1	1,2-Dichlorobenzene	0.00036	U	0.00036	0.000051
107-06-2	1,2-Dichloroethane	0.00036	U	0.00036	0.00011
78-87-5	1,2-Dichloropropane	0.00036	U	0.00036	0.00015
541-73-1	1,3-Dichlorobenzene	0.00036	U	0.00036	0.000057
106-46-7	1,4-Dichlorobenzene	0.00036	U	0.00036	0.000080
123-91-1	1,4-Dioxane	0.0072	U	0.0072	0.0033
78-93-3	2-Butanone (MEK)	0.0018	U	0.0018	0.00097
591-78-6	2-Hexanone	0.0018	U	0.0018	0.00061
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0018	U	0.0018	0.00056
67-64-1	Acetone	0.028		0.0021	0.0020
107-02-8	Acrolein	0.036	U	0.036	0.010
107-13-1	Acrylonitrile	0.0036	U	0.0036	0.00059
71-43-2	Benzene	0.00036	U	0.00036	0.000092
75-25-2	Bromoform	0.00036	U	0.00036	0.00015
74-83-9	Bromomethane	0.00036	U	0.00036	0.00017
75-15-0	Carbon disulfide	0.00036	U	0.00036	0.000095
56-23-5	Carbon tetrachloride	0.00036	U	0.00036	0.00014
108-90-7	Chlorobenzene	0.00036	U	0.00036	0.000063
74-97-5	Chlorobromomethane	0.00036	U	0.00036	0.00010
124-48-1	Chlorodibromomethane	0.00036	U	0.00036	0.000069
75-00-3	Chloroethane	0.00036	U	0.00036	0.00019
67-66-3	Chloroform	0.00036	U	0.00036	0.00011
74-87-3	Chloromethane	0.00036	U	0.00036	0.00016
156-59-2	cis-1,2-Dichloroethene	0.00036	U	0.00036	0.000054
10061-01-5	cis-1,3-Dichloropropene	0.00036	U	0.00036	0.000098
110-82-7	Cyclohexane	0.00036	U	0.00036	0.000079

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-6 Lab Sample ID: 460-219360-6

Matrix: Solid Lab File ID: D73027.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:05

Sample wt/vol: 14.35(g) Date Analyzed: 10/01/2020 05:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.6 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00036	U	0.00036	0.000092
75-71-8	Dichlorodifluoromethane	0.00036	U	0.00036	0.00012
100-41-4	Ethylbenzene	0.00036	U	0.00036	0.000071
106-93-4	Ethylene Dibromide	0.00036	U	0.00036	0.000064
98-82-8	Isopropylbenzene	0.00036	U	0.00036	0.000045
79-20-9	Methyl acetate	0.0018	U	0.0018	0.0015
1634-04-4	Methyl tert-butyl ether	0.00036	U	0.00036	0.000045
108-87-2	Methylcyclohexane	0.00036	U	0.00036	0.00018
75-09-2	Methylene Chloride	0.00036	U	0.00036	0.00017
179601-23-1	m-Xylene & p-Xylene	0.00036	U	0.00036	0.000062
95-47-6	o-Xylene	0.00036	U	0.00036	0.000069
100-42-5	Styrene	0.00036	U	0.00036	0.000099
75-65-0	TBA	0.0036	U	0.0036	0.0012
127-18-4	Tetrachloroethene	0.00027	J	0.00036	0.000051
108-88-3	Toluene	0.000094	J	0.00036	0.000084
156-60-5	trans-1,2-Dichloroethene	0.00036	U	0.00036	0.000088
10061-02-6	trans-1,3-Dichloropropene	0.00036	U	0.00036	0.000095
79-01-6	Trichloroethene	0.00036	U	0.00036	0.000051
75-69-4	Trichlorofluoromethane	0.00036	U	0.00036	0.00015
75-01-4	Vinyl chloride	0.00036	U	0.00036	0.00020

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	124		77-145
460-00-4	4-Bromofluorobenzene	105		79-125
1868-53-7	Dibromofluoromethane (Surr)	114		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D
Lims ID: 460-219360-B-6-A
Client ID: GL-DS-092920-6
Sample Type: Client
Inject. Date: 01-Oct-2020 05:17:30 ALS Bottle#: 24 Worklist Smp#: 25
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-6-A
Misc. Info.: 460-0117606-025
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:30:23 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:30:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.949	2.949	0.000	89	67868	77.0	
* 31 TBA-d9 (IS)	65	3.381	3.388	-0.007	0	214653	1000.0	
* 42 2-Butanone-d5	46	4.662	4.668	-0.006	67	249549	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	165896	57.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	94	143359	62.2	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	560930	50.0	
* 71 1,4-Dioxane-d8	96	6.862	6.869	-0.007	0	17352	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	561295	50.8	
83 Toluene	91	7.899	7.899	0.000	93	4289	0.2636	
87 Tetrachloroethene	166	8.399	8.399	0.000	96	3039	0.7458	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	397448	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	157416	52.6	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	187006	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

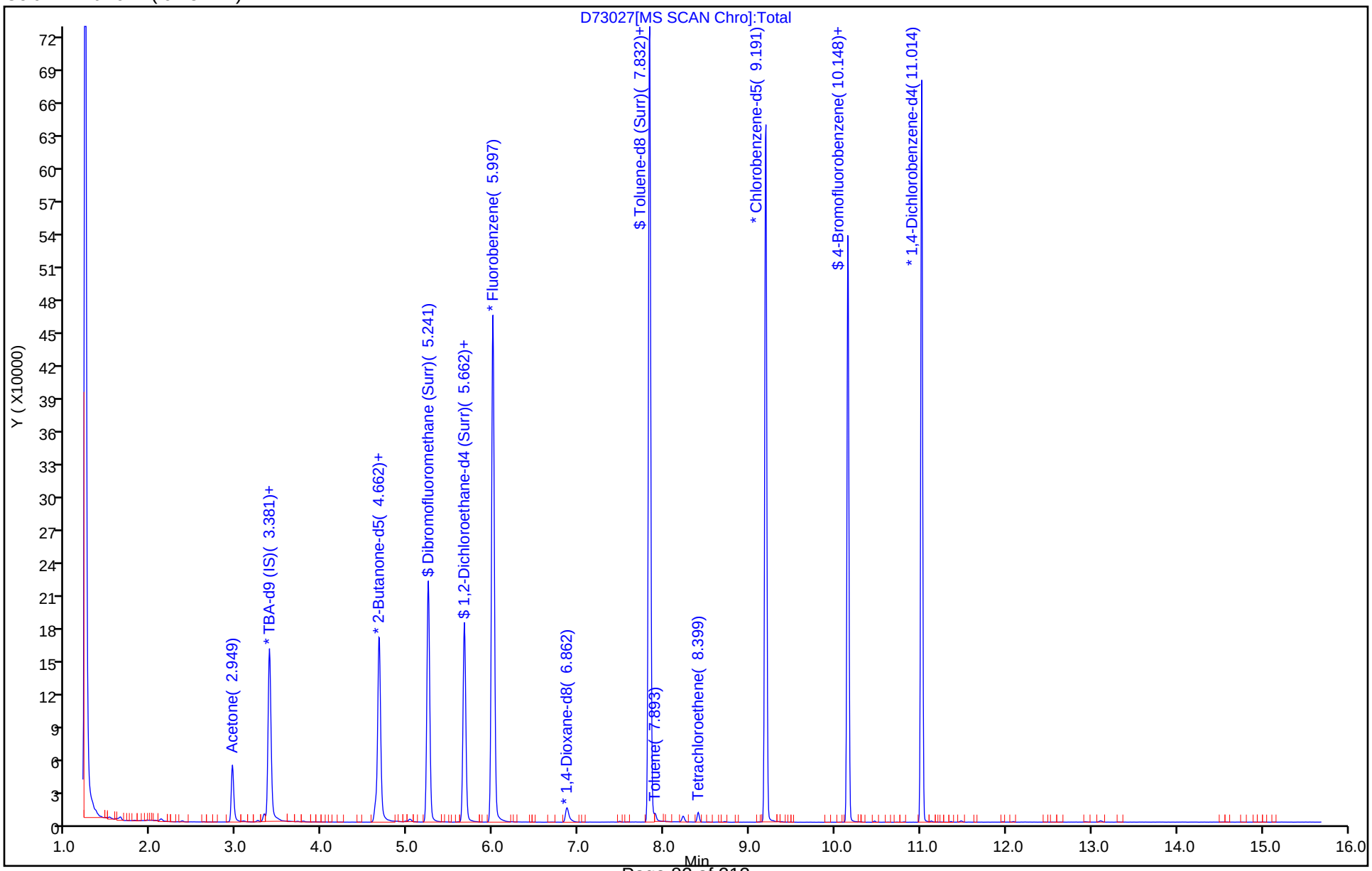
Report Date: 01-Oct-2020 08:30:23 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D

Injection Date:	01-Oct-2020 05:17:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-6-A	Lab Sample ID:	460-219360-6	Worklist Smp#:	25
Client ID:	GL-DS-092920-6				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	24
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



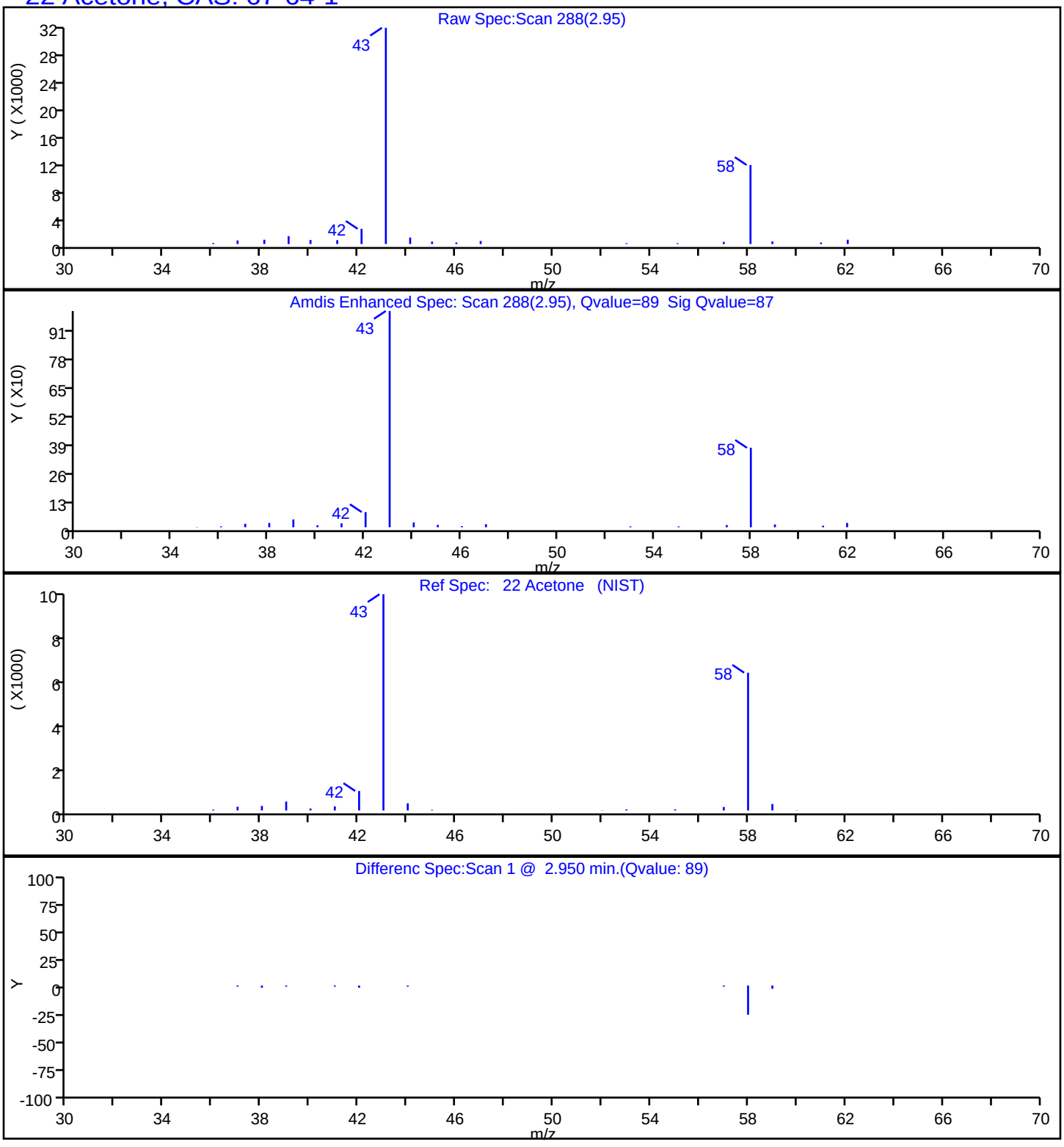
Report Date: 01-Oct-2020 08:30:23 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D

Injection Date:	01-Oct-2020 05:17:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-6-A	Lab Sample ID:	460-219360-6
Client ID:	GL-DS-092920-6		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

22 Acetone, CAS: 67-64-1

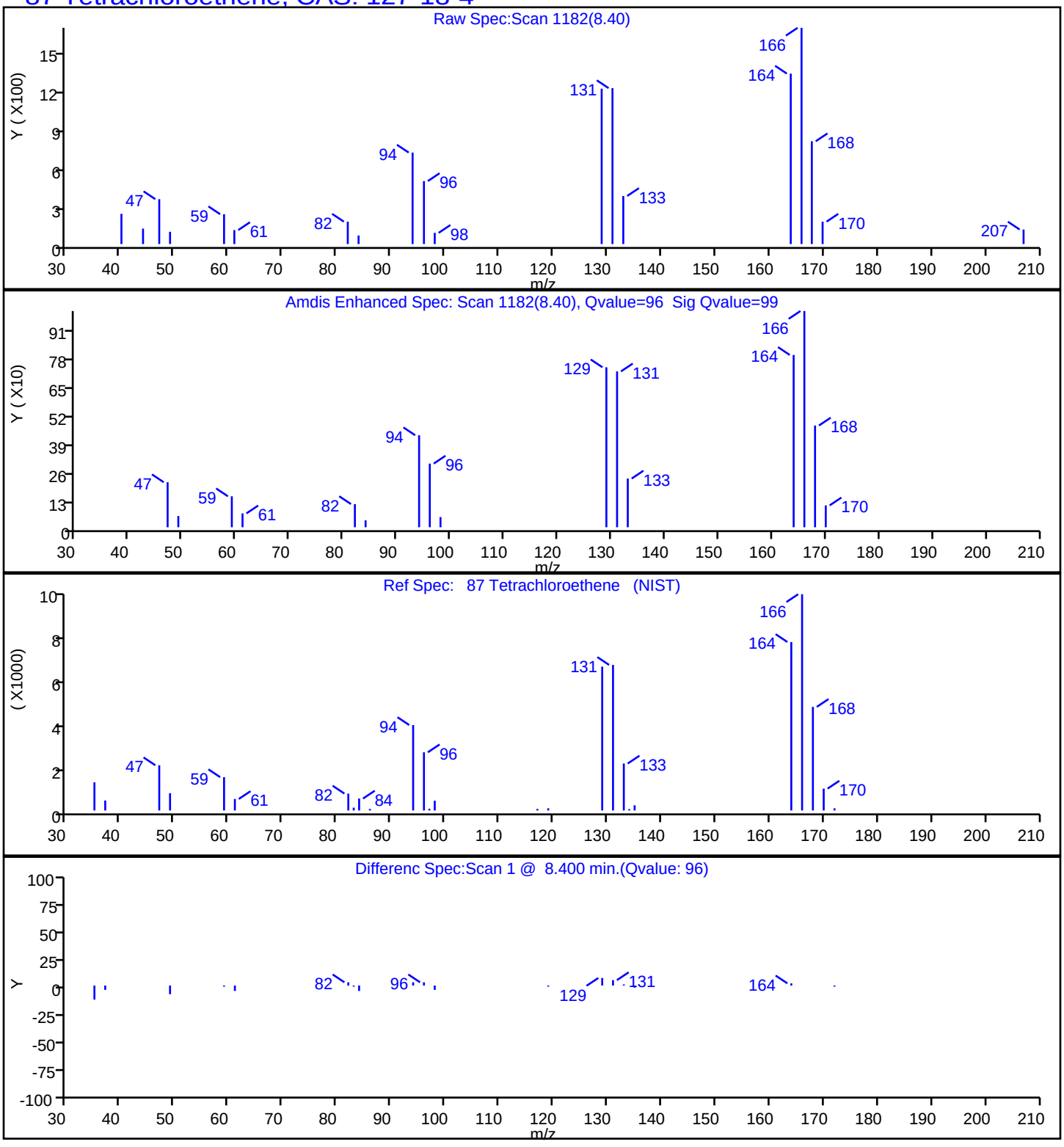


Report Date: 01-Oct-2020 08:30:24 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D		
Injection Date:	01-Oct-2020 05:17:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-6-A	Lab Sample ID:	460-219360-6
Client ID:	GL-DS-092920-6		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

87 Tetrachloroethene, CAS: 127-18-4



Report Date: 01-Oct-2020 08:30:23 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D

Injection Date: 01-Oct-2020 05:17:30 Instrument ID: CVOAMS4

Lims ID: 460-219360-B-6-A Lab Sample ID: 460-219360-6

Client ID: GL-DS-092920-6

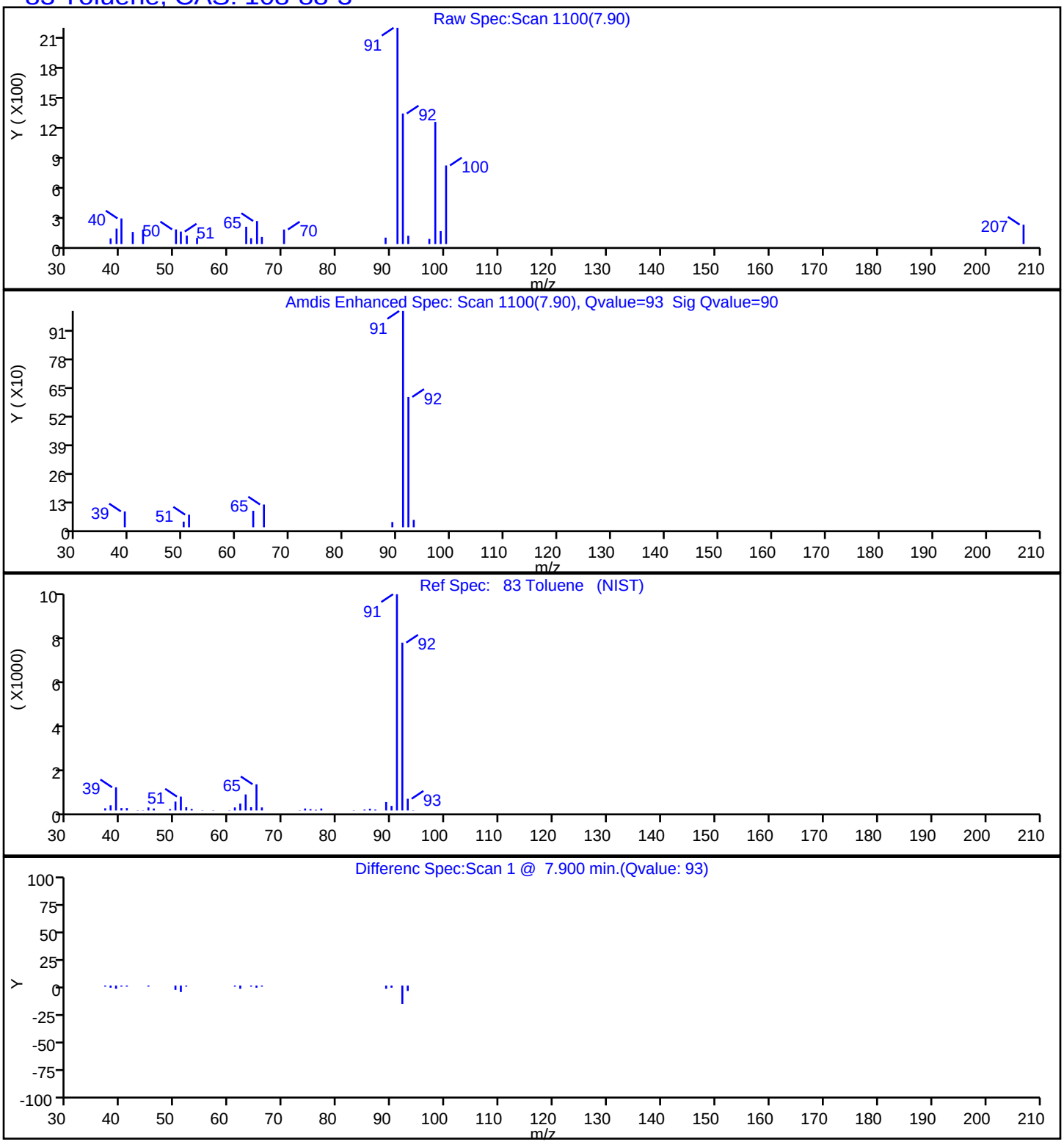
Operator ID: ALS Bottle#: 24 Worklist Smp#: 25

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm) Detector MS SCAN

83 Toluene, CAS: 108-88-3



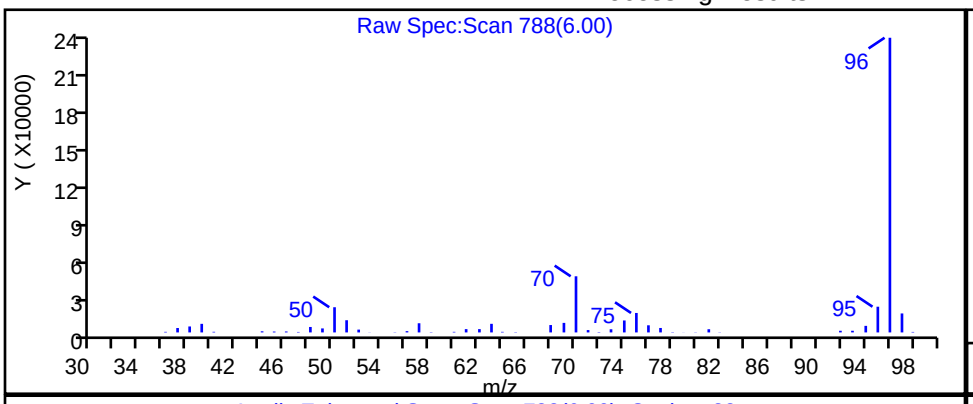
User Disabled Compound Report

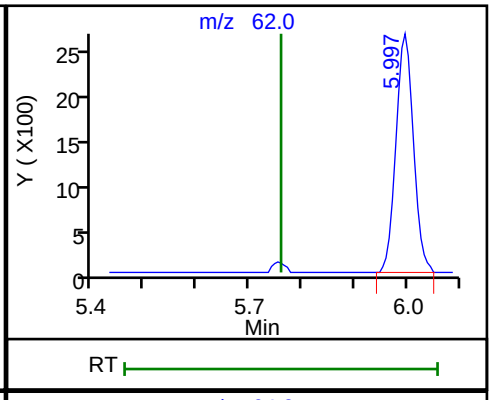
Eurofins TestAmerica, Edison

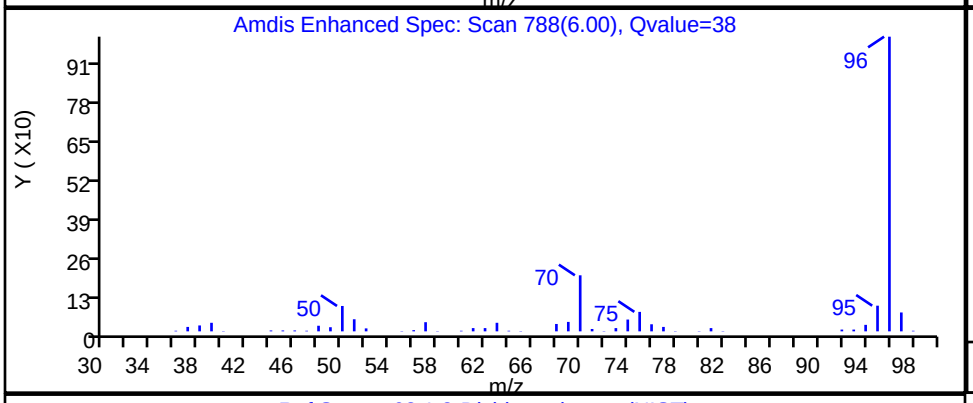
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73027.D		
Injection Date:	01-Oct-2020 05:17:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-6-A	Lab Sample ID:	460-219360-6
Client ID:	GL-DS-092920-6		
Operator ID:		ALS Bottle#:	24 Worklist Smp#: 25
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

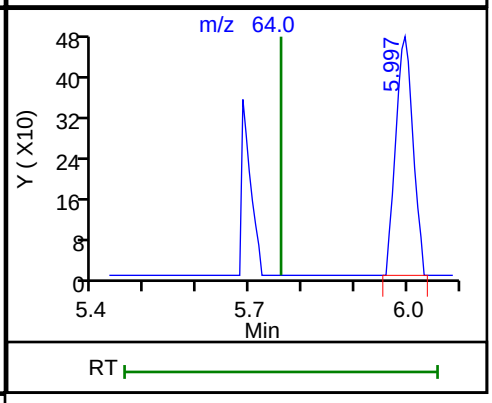
63 1,2-Dichloroethane, CAS: 107-06-2

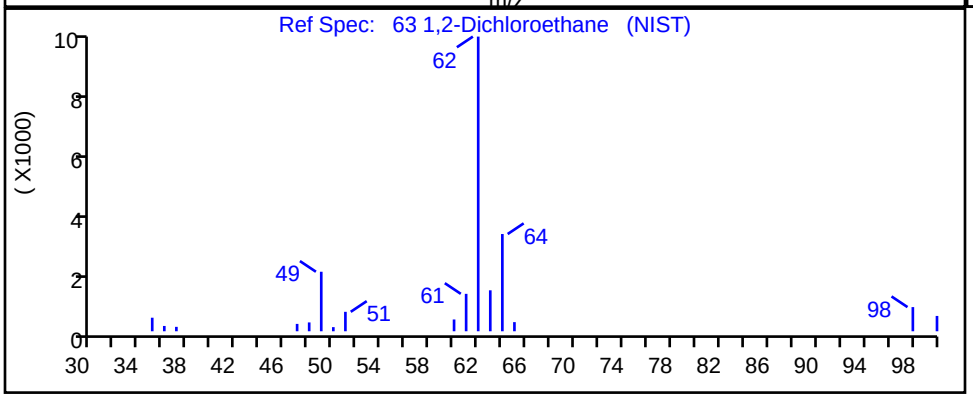
Processing Results











RT	Mass	Response	Amount
6.00	62.00	6163	1.738448
6.00	64.00	1089	

Reviewer: tupayachia, 01-Oct-2020 08:30:14

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-7 Lab Sample ID: 460-219360-7

Matrix: Solid Lab File ID: D73028.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:10

Sample wt/vol: 11.78(g) Date Analyzed: 10/01/2020 05:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.8 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.00044	U	0.00044	0.00010
79-34-5	1,1,2,2-Tetrachloroethane	0.00044	U	0.00044	0.000093
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.00044	U	0.00044	0.00013
79-00-5	1,1,2-Trichloroethane	0.00044	U	0.00044	0.000078
75-34-3	1,1-Dichloroethane	0.00044	U	0.00044	0.000090
75-35-4	1,1-Dichloroethene	0.00044	U	0.00044	0.000098
87-61-6	1,2,3-Trichlorobenzene	0.00044	U	0.00044	0.000079
120-82-1	1,2,4-Trichlorobenzene	0.00044	U	0.00044	0.00016
96-12-8	1,2-Dibromo-3-Chloropropane	0.00044	U	0.00044	0.00020
95-50-1	1,2-Dichlorobenzene	0.00044	U	0.00044	0.000063
107-06-2	1,2-Dichloroethane	0.00044	U	0.00044	0.00013
78-87-5	1,2-Dichloropropane	0.00044	U	0.00044	0.00018
541-73-1	1,3-Dichlorobenzene	0.00044	U	0.00044	0.000069
106-46-7	1,4-Dichlorobenzene	0.00044	U	0.00044	0.000098
123-91-1	1,4-Dioxane	0.0087	U	0.0087	0.0040
78-93-3	2-Butanone (MEK)	0.0022	U	0.0022	0.0012
591-78-6	2-Hexanone	0.0022	U	0.0022	0.00075
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0022	U	0.0022	0.00068
67-64-1	Acetone	0.0026	U	0.0026	0.0025
107-02-8	Acrolein	0.044	U	0.044	0.012
107-13-1	Acrylonitrile	0.0044	U	0.0044	0.00072
71-43-2	Benzene	0.00044	U	0.00044	0.00011
75-25-2	Bromoform	0.00044	U	0.00044	0.00019
74-83-9	Bromomethane	0.00044	U	0.00044	0.00021
75-15-0	Carbon disulfide	0.00044	U	0.00044	0.00012
56-23-5	Carbon tetrachloride	0.00044	U	0.00044	0.00017
108-90-7	Chlorobenzene	0.00044	U	0.00044	0.000077
74-97-5	Chlorobromomethane	0.00044	U	0.00044	0.00012
124-48-1	Chlorodibromomethane	0.00044	U	0.00044	0.000085
75-00-3	Chloroethane	0.00044	U	0.00044	0.00023
67-66-3	Chloroform	0.00044	U	0.00044	0.00014
74-87-3	Chloromethane	0.00044	U	0.00044	0.00019
156-59-2	cis-1,2-Dichloroethene	0.00044	U	0.00044	0.000066
10061-01-5	cis-1,3-Dichloropropene	0.00044	U	0.00044	0.00012
110-82-7	Cyclohexane	0.00044	U	0.00044	0.000097

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: GL-DS-092920-7 Lab Sample ID: 460-219360-7

Matrix: Solid Lab File ID: D73028.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:10

Sample wt/vol: 11.78(g) Date Analyzed: 10/01/2020 05:44

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: 2.8 Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.00044	U	0.00044	0.00011
75-71-8	Dichlorodifluoromethane	0.00044	U	0.00044	0.00015
100-41-4	Ethylbenzene	0.00044	U	0.00044	0.000087
106-93-4	Ethylene Dibromide	0.00044	U	0.00044	0.000079
98-82-8	Isopropylbenzene	0.00044	U	0.00044	0.000055
79-20-9	Methyl acetate	0.0022	U	0.0022	0.0019
1634-04-4	Methyl tert-butyl ether	0.00044	U	0.00044	0.000055
108-87-2	Methylcyclohexane	0.00044	U	0.00044	0.00022
75-09-2	Methylene Chloride	0.00058		0.00044	0.00020
179601-23-1	m-Xylene & p-Xylene	0.00044	U	0.00044	0.000076
95-47-6	o-Xylene	0.00044	U	0.00044	0.000085
100-42-5	Styrene	0.00044	U	0.00044	0.00012
75-65-0	TBA	0.0044	U	0.0044	0.0014
127-18-4	Tetrachloroethene	0.000095	J	0.00044	0.000062
108-88-3	Toluene	0.00034	J	0.00044	0.00010
156-60-5	trans-1,2-Dichloroethene	0.00044	U	0.00044	0.00011
10061-02-6	trans-1,3-Dichloropropene	0.00044	U	0.00044	0.00012
79-01-6	Trichloroethene	0.00044	U	0.00044	0.000063
75-69-4	Trichlorofluoromethane	0.00044	U	0.00044	0.00018
75-01-4	Vinyl chloride	0.00044	U	0.00044	0.00024

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	132		77-145
460-00-4	4-Bromofluorobenzene	110		79-125
1868-53-7	Dibromofluoromethane (Surr)	123		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73028.D
Lims ID: 460-219360-B-7-A
Client ID: GL-DS-092920-7
Sample Type: Client
Inject. Date: 01-Oct-2020 05:44:30 ALS Bottle#: 25 Worklist Smp#: 26
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-7-A
Misc. Info.: 460-0117606-026
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 08:30:46 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1004

First Level Reviewer: tupayachia Date: 01-Oct-2020 08:30:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
30 Methylene Chloride	84	3.363	3.363	0.000	90	5017	1.32	
* 31 TBA-d9 (IS)	65	3.382	3.388	-0.006	0	206357	1000.0	
* 42 2-Butanone-d5	46	4.662	4.668	-0.006	75	219318	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	162617	61.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	94	137836	65.8	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	509251	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	20359	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	545377	54.0	
83 Toluene	91	7.899	7.899	0.000	93	11562	0.7773	
87 Tetrachloroethene	166	8.399	8.399	0.000	93	809	0.2171	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	363377	50.0	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	153356	54.9	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	174452	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

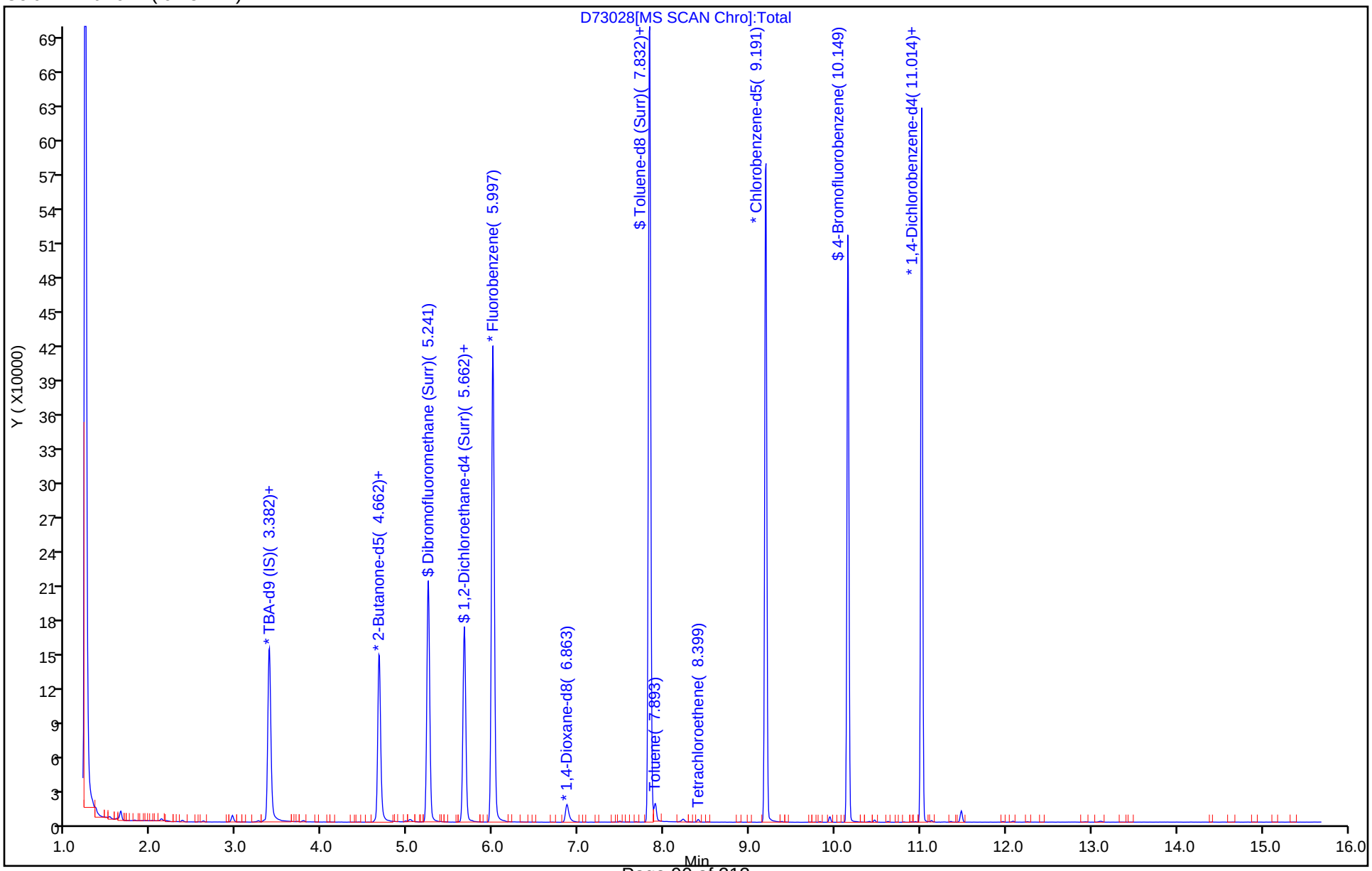
Report Date: 01-Oct-2020 08:30:47 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73028.D

Injection Date:	01-Oct-2020 05:44:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-7-A	Lab Sample ID:	460-219360-7	Worklist Smp#:	26
Client ID:	GL-DS-092920-7				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	25
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)

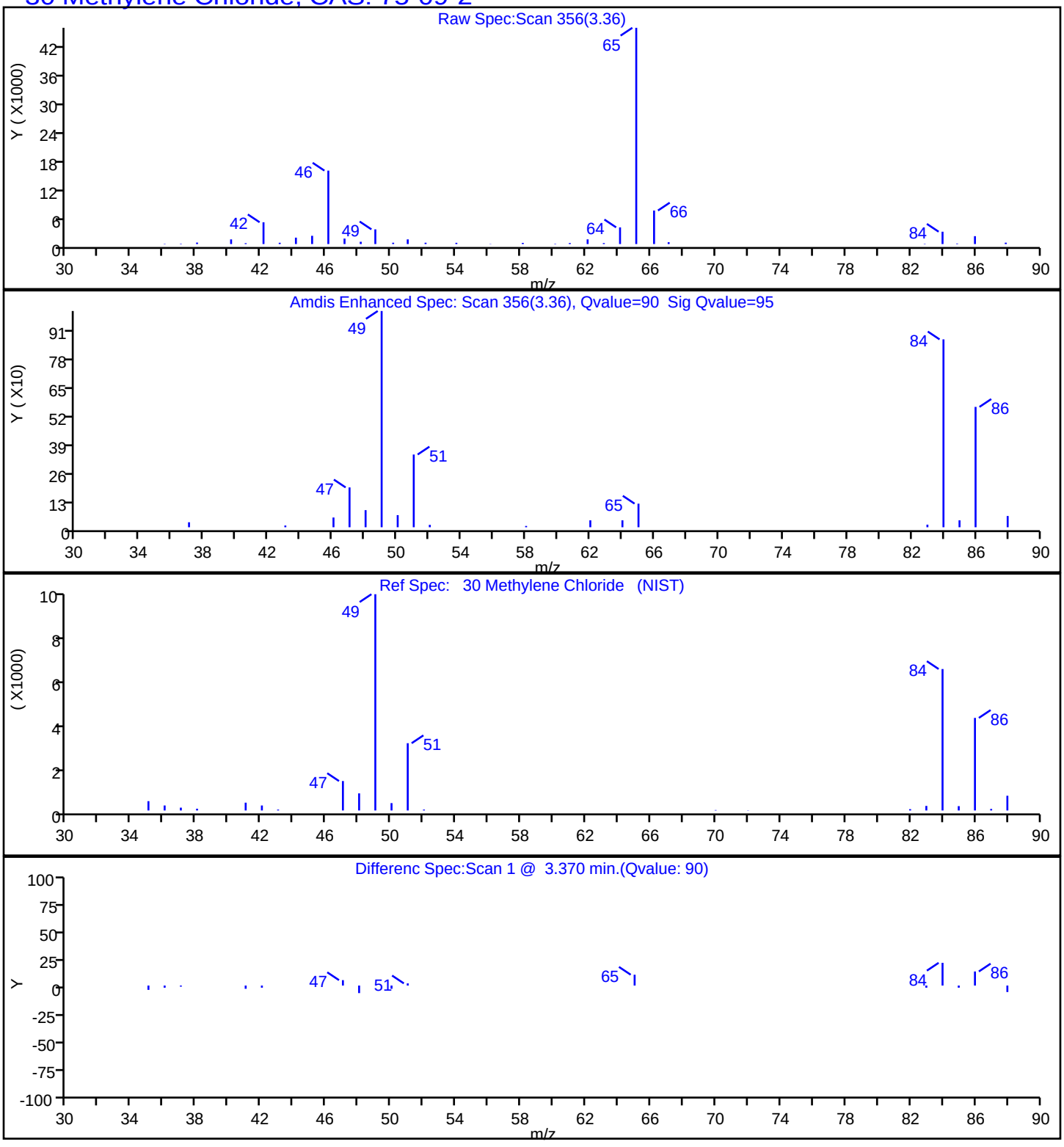


Report Date: 01-Oct-2020 08:30:47 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73028.D		
Injection Date:	01-Oct-2020 05:44:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-7-A	Lab Sample ID:	460-219360-7
Client ID:	GL-DS-092920-7		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

30 Methylene Chloride, CAS: 75-09-2

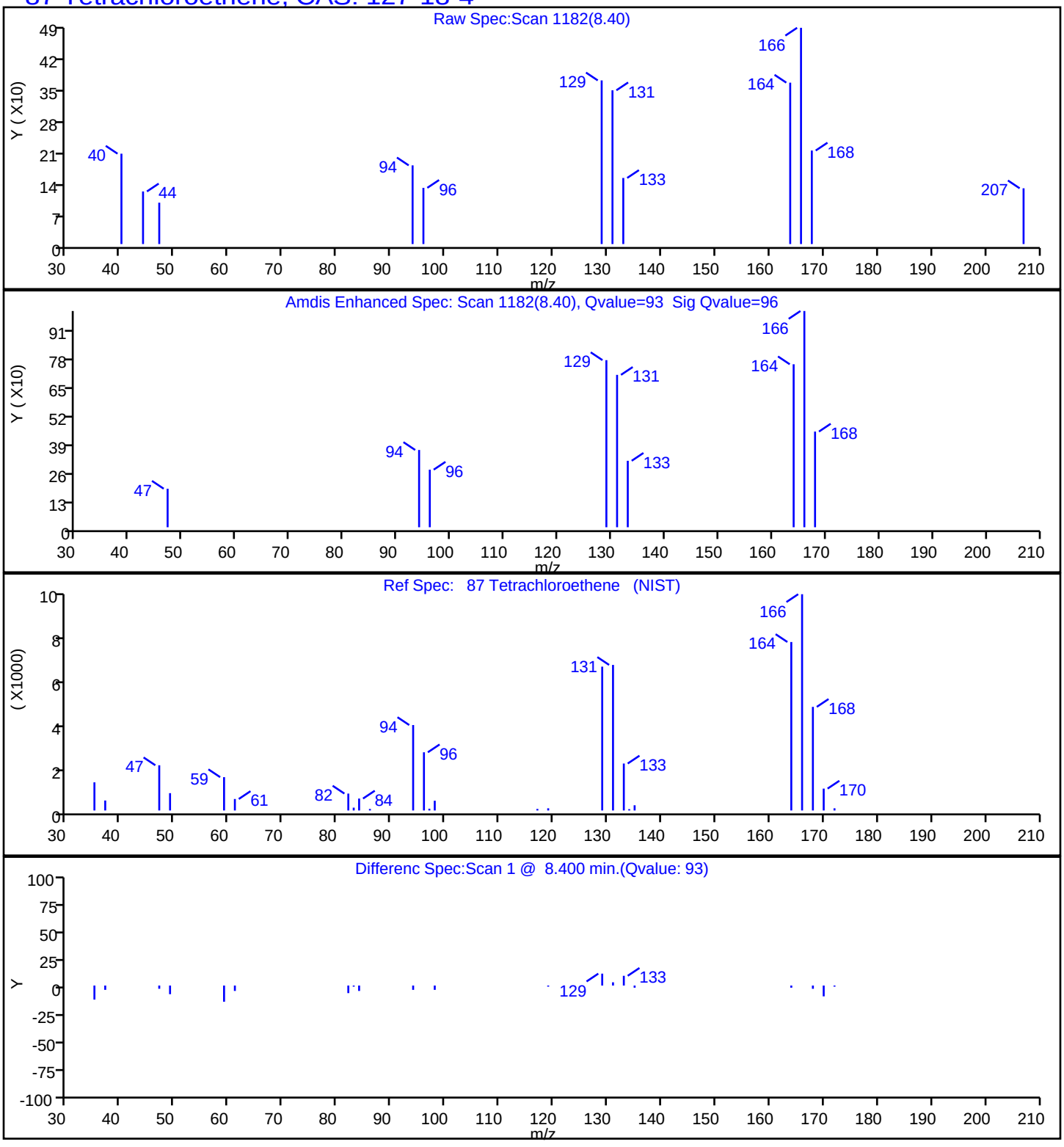


Report Date: 01-Oct-2020 08:30:47 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73028.D		
Injection Date:	01-Oct-2020 05:44:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-7-A	Lab Sample ID:	460-219360-7
Client ID:	GL-DS-092920-7		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

87 Tetrachloroethene, CAS: 127-18-4

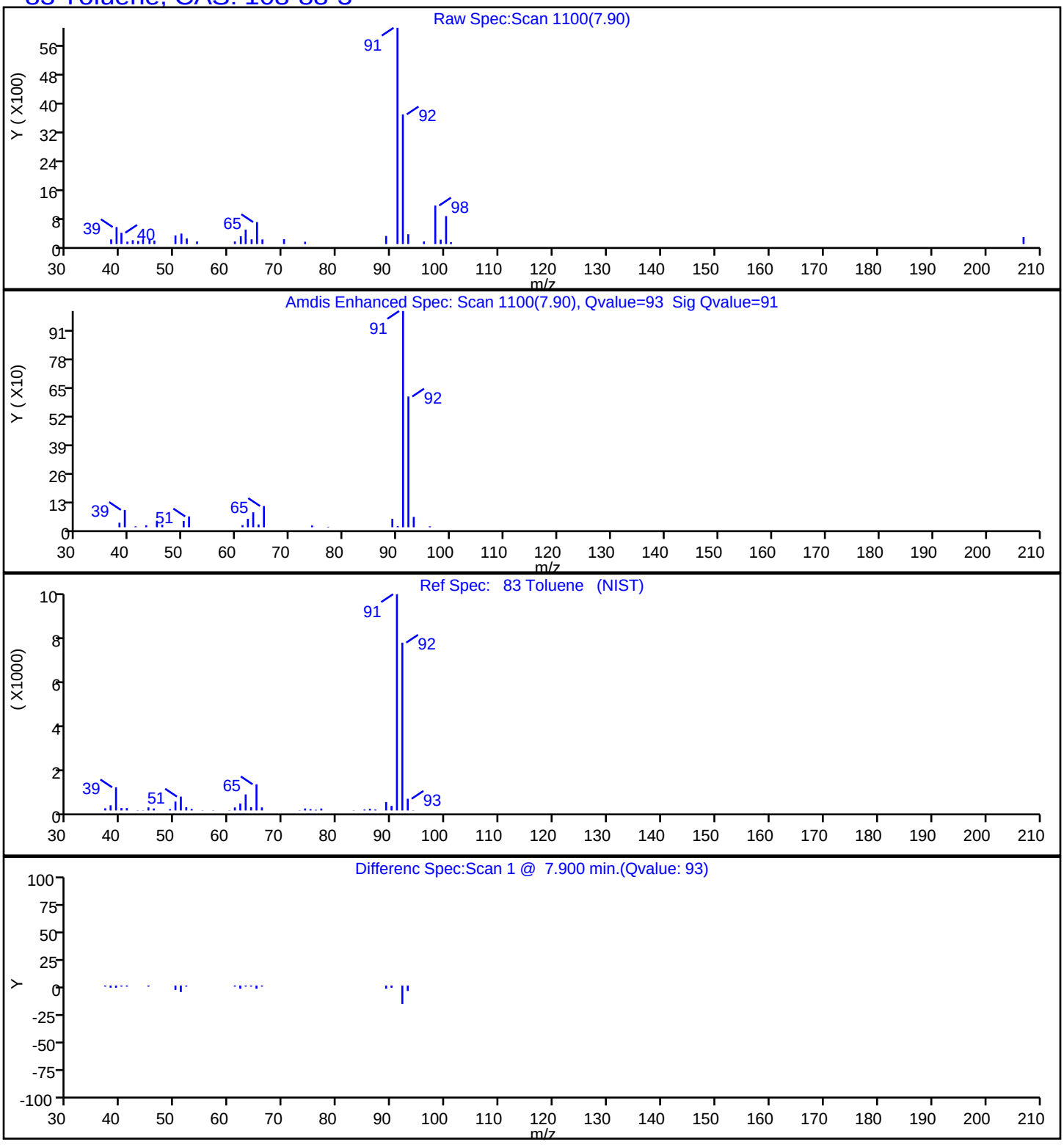


Report Date: 01-Oct-2020 08:30:47 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73028.D		
Injection Date:	01-Oct-2020 05:44:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-7-A	Lab Sample ID:	460-219360-7
Client ID:	GL-DS-092920-7		
Operator ID:		ALS Bottle#:	25 Worklist Smp#: 26
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

83 Toluene, CAS: 108-88-3



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: TB-092920 Lab Sample ID: 460-219360-8

Matrix: Solid Lab File ID: D73021.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:45

Sample wt/vol: 5(g) Date Analyzed: 10/01/2020 02:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
123-91-1	1,4-Dioxane	0.020	U	0.020	0.0092
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.057		0.0060	0.0057
107-02-8	Acrolein	0.10	U	0.10	0.028
107-13-1	Acrylonitrile	0.010	U	0.010	0.0016
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0010	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00032
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: TB-092920 Lab Sample ID: 460-219360-8

Matrix: Solid Lab File ID: D73021.D

Analysis Method: 8260C Date Collected: 09/29/2020 11:45

Sample wt/vol: 5(g) Date Analyzed: 10/01/2020 02:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0017		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.00018	J	0.0010	0.00017
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
100-42-5	Styrene	0.0010	U	0.0010	0.00028
75-65-0	TBA	0.010	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00014
108-88-3	Toluene	0.0022		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	117		77-145
460-00-4	4-Bromofluorobenzene	100		79-125
1868-53-7	Dibromofluoromethane (Surr)	111		48-150
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D
Lims ID: 460-219360-B-8-A
Client ID: TB-092920
Sample Type: Client
Inject. Date: 01-Oct-2020 02:30:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-219360-B-8-A
Misc. Info.: 460-0117606-019
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 12:23:53 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1026

First Level Reviewer: delpolitov Date: 01-Oct-2020 12:23:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
22 Acetone	43	2.949	2.949	0.000	89	45871	57.1	
30 Methylene Chloride	84	3.363	3.363	0.000	89	6634	1.73	
* 31 TBA-d9 (IS)	65	3.382	3.388	-0.006	0	228388	1000.0	
* 42 2-Butanone-d5	46	4.662	4.668	-0.006	36	224891	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	148162	55.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	94	123441	58.4	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	514219	50.0	
* 71 1,4-Dioxane-d8	96	6.863	6.869	-0.006	0	23192	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	517829	50.7	
83 Toluene	91	7.899	7.899	0.000	92	33116	2.20	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	367300	50.0	
97 m-Xylene & p-Xylene	106	9.380	9.380	0.000	99	1108	0.1790	
$ 104 4-Bromofluorobenzene	174	10.148	10.155	-0.007	0	146095	50.2	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	181695	50.0	

QC Flag Legend
Processing Flags

Reagents:

8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

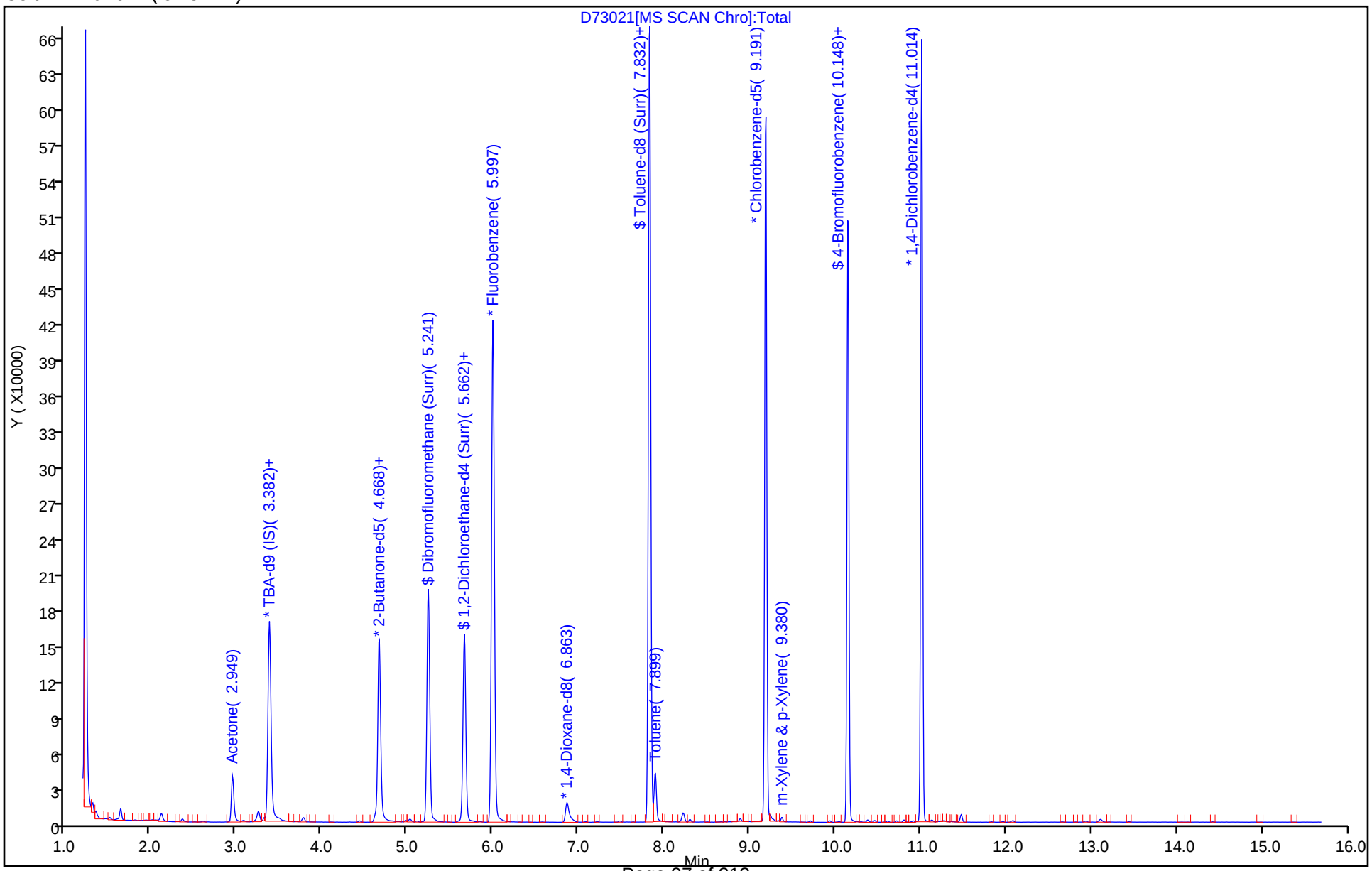
Report Date: 01-Oct-2020 12:23:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D

Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8	Worklist Smp#:	19
Client ID:	TB-092920				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



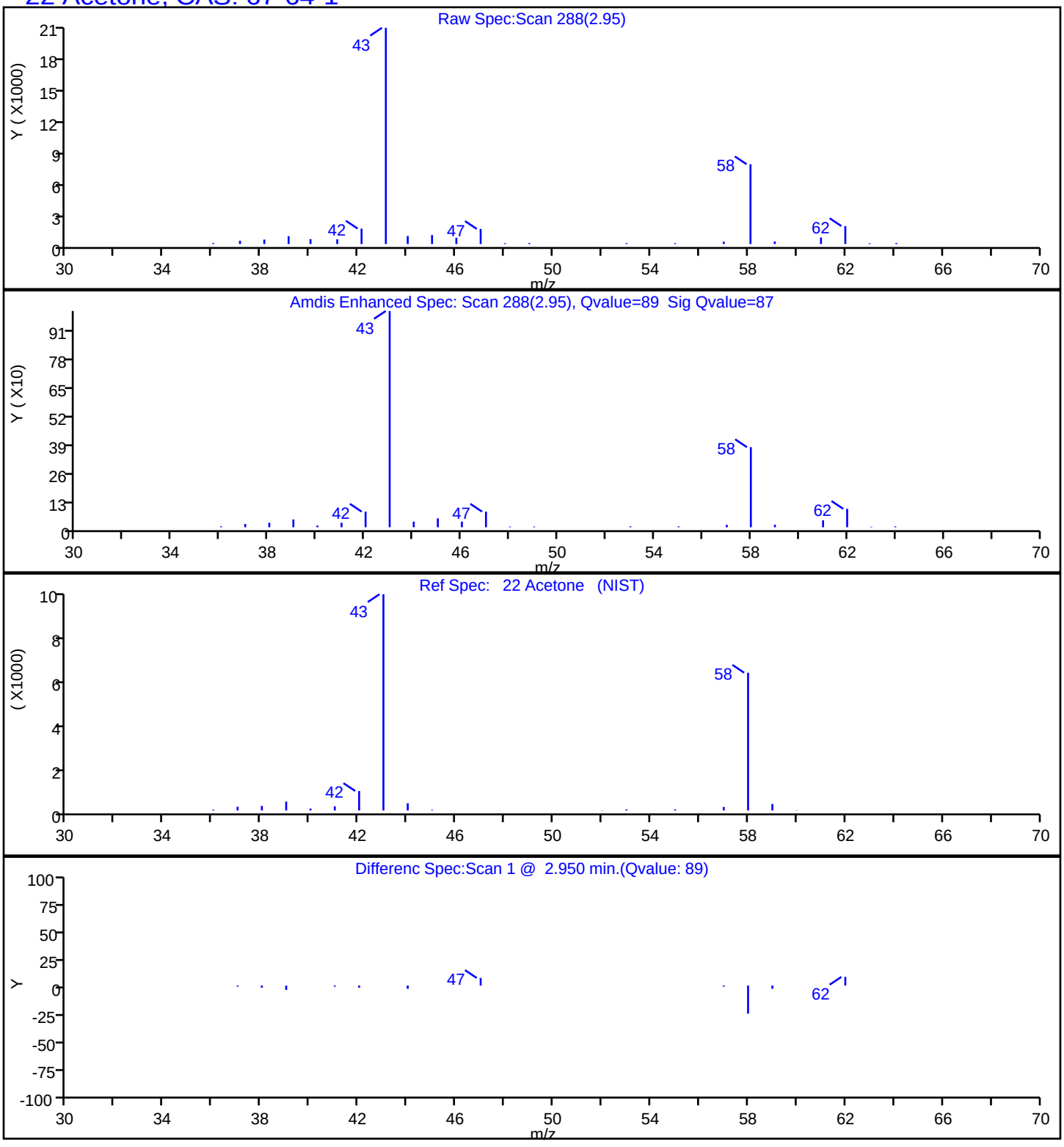
Report Date: 01-Oct-2020 12:23:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D

Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8
Client ID:	TB-092920		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

22 Acetone, CAS: 67-64-1

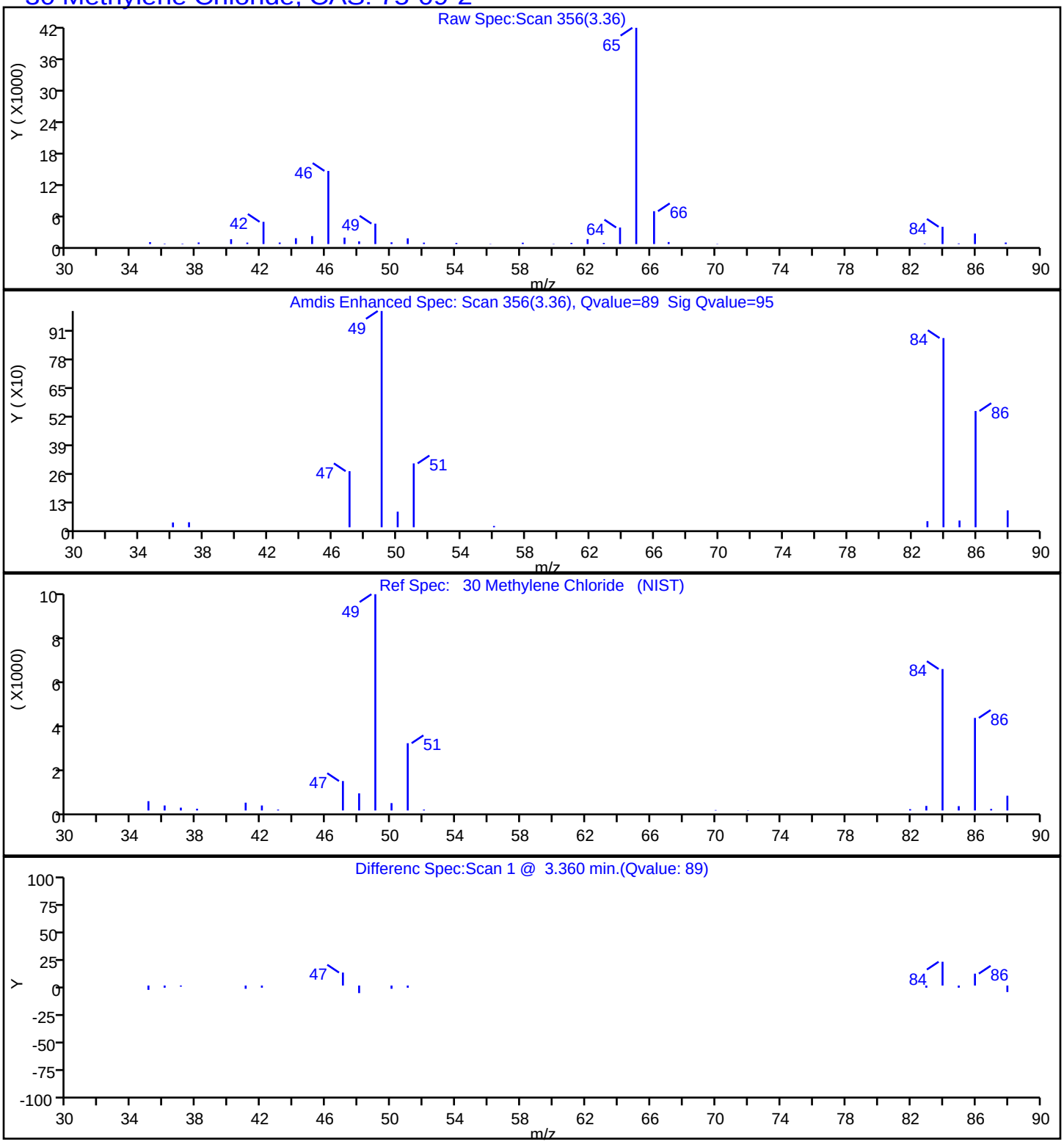


Report Date: 01-Oct-2020 12:23:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D				
Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8		
Client ID:	TB-092920				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

30 Methylene Chloride, CAS: 75-09-2

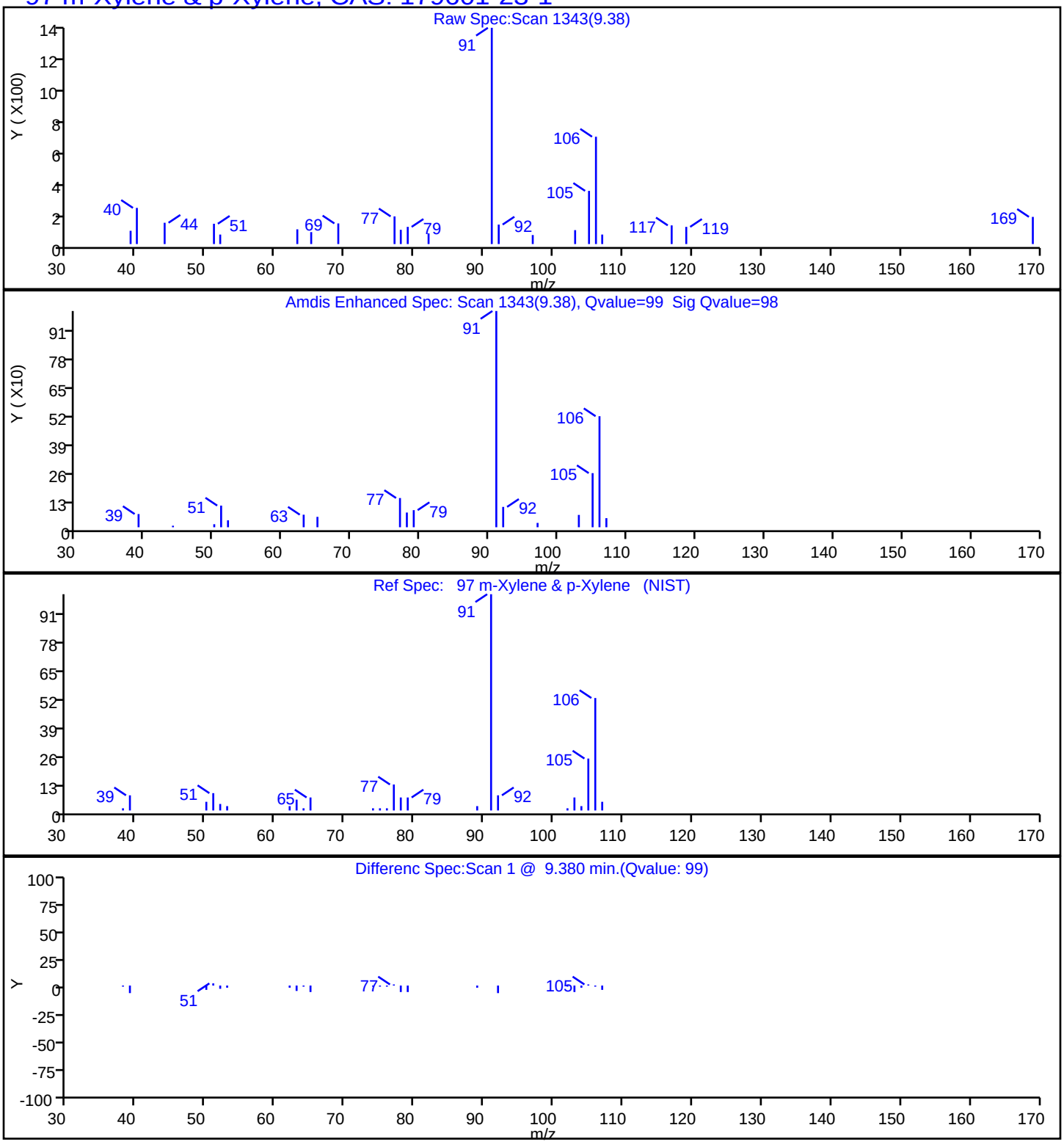


Report Date: 01-Oct-2020 12:23:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D				
Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8		
Client ID:	TB-092920				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

97 m-Xylene & p-Xylene, CAS: 179601-23-1

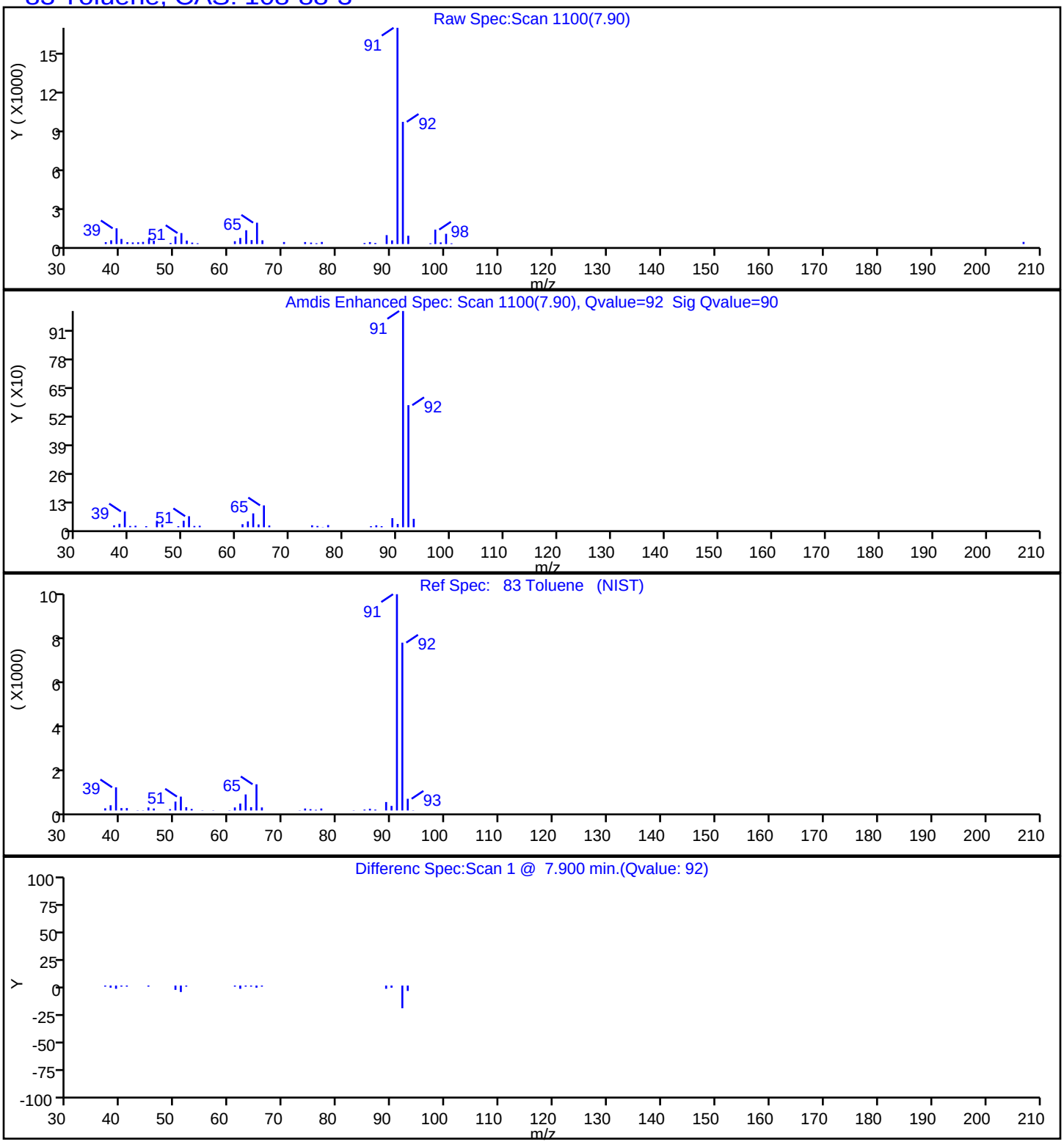


Report Date: 01-Oct-2020 12:23:54 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D				
Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4		
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8		
Client ID:	TB-092920				
Operator ID:		ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

83 Toluene, CAS: 108-88-3



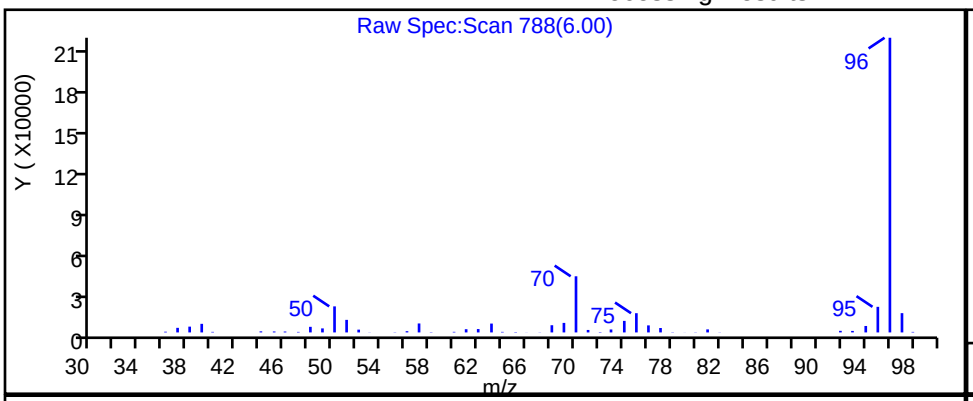
User Disabled Compound Report

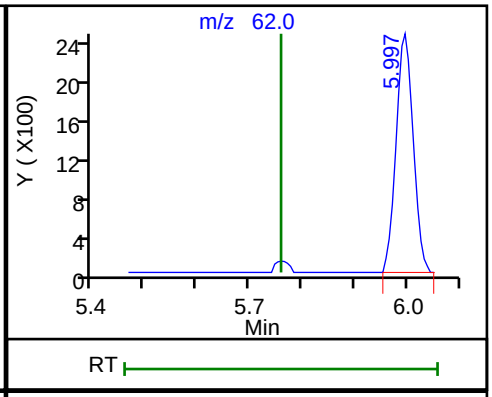
Eurofins TestAmerica, Edison

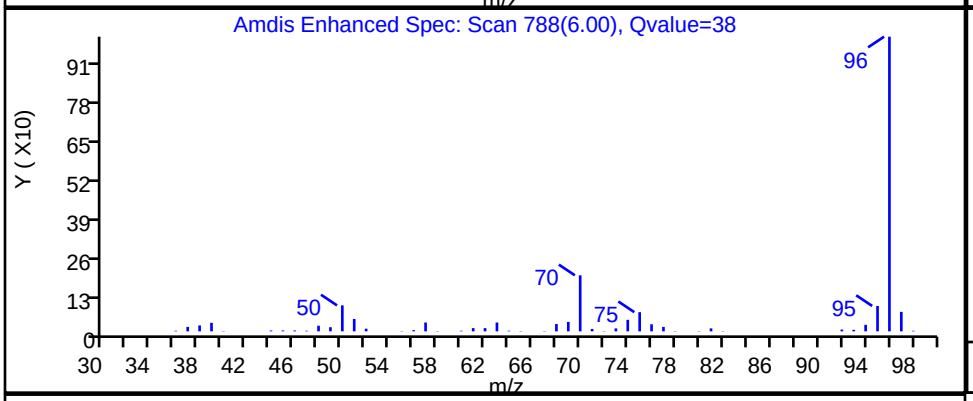
Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D		
Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8
Client ID:	TB-092920		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

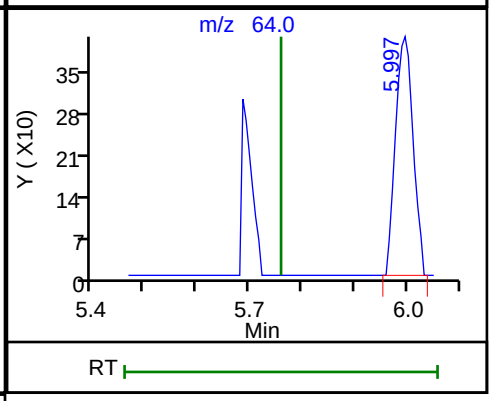
63 1,2-Dichloroethane, CAS: 107-06-2

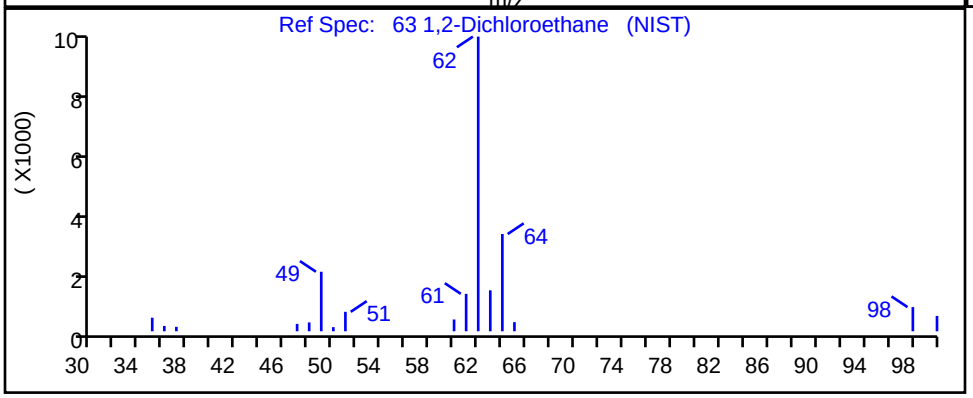
Processing Results











RT	Mass	Response	Amount
6.00	62.00	5557	1.709899
6.00	64.00	949	

Reviewer: tupayachia, 01-Oct-2020 08:28:10

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

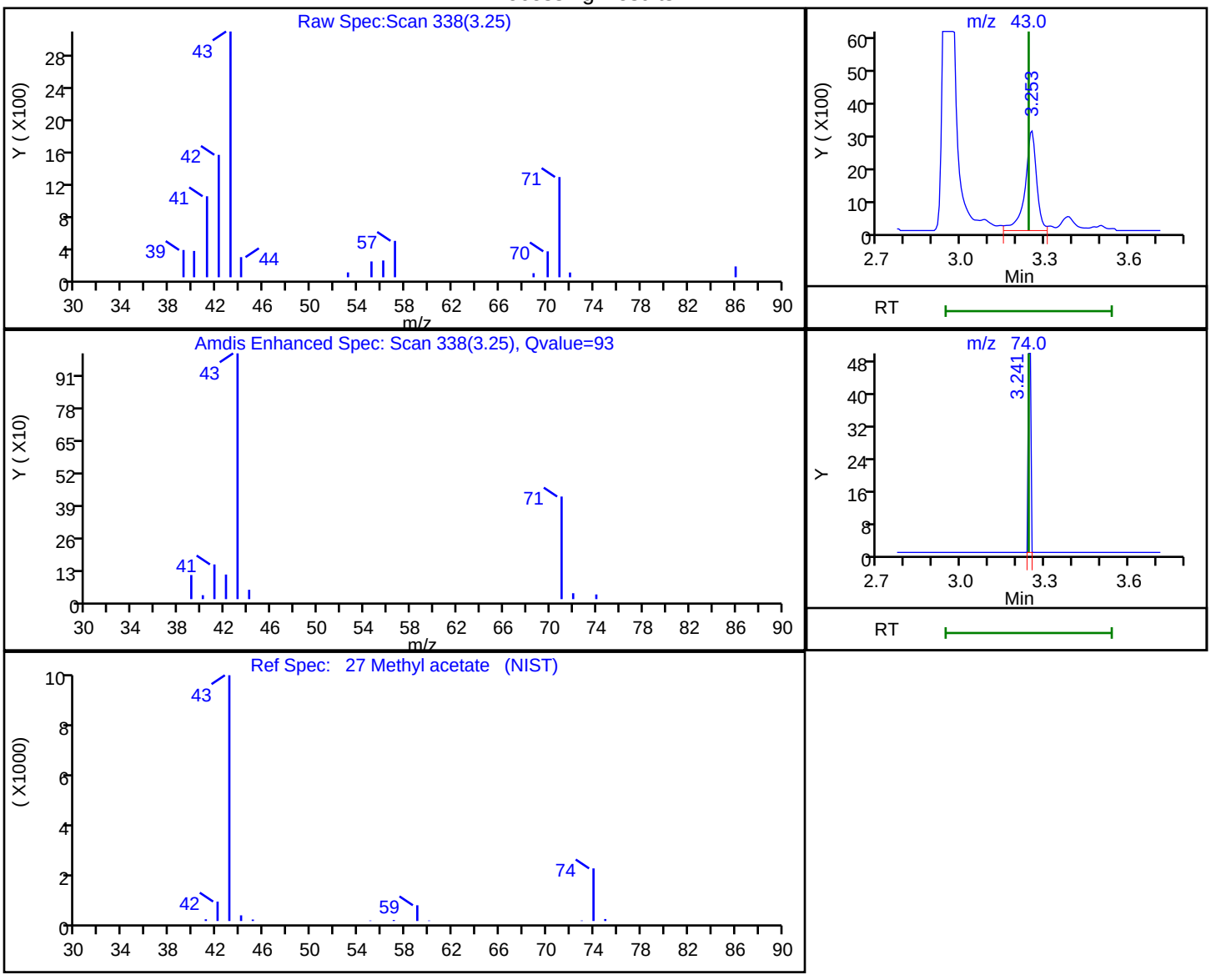
User Disabled Compound Report

Eurofins TestAmerica, Edison

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73021.D		
Injection Date:	01-Oct-2020 02:30:30	Instrument ID:	CVOAMS4
Lims ID:	460-219360-B-8-A	Lab Sample ID:	460-219360-8
Client ID:	TB-092920		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN

27 Methyl acetate, CAS: 79-20-9

Processing Results



RT	Mass	Response	Amount
3.25	43.00	9063	5.168312
3.24	74.00	37	

Reviewer: delpolitov, 01-Oct-2020 12:23:42

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-724430/4	D72378.D
Level 2	STD5 460-724430/5	D72379.D
Level 3	STD20 460-724430/6	D72380.D
Level 4	STD50 460-724430/7	D72381.D
Level 5	STD200 460-724430/8	D72382.D
Level 6	STD500 460-724430/9	D72383.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Monochloropentafluoroethane	0.0461 0.0620	0.0557	0.0555	0.0538	0.0579	Ave		0.0552				9.5		20.0			
Chlorotrifluoroethene	0.2007 0.1900	0.2007	0.1977	0.1903	0.1801	Ave		0.1933				4.2		20.0			
1,1-Difluoroethane	0.2317 0.2083	0.2381	0.2349	0.2255	0.1993	Ave		0.2230				7.0		20.0			
Dichlorodifluoromethane	0.4381 0.5261	0.6684	0.6050	0.6007	0.5344	Ave		0.5621			0.1000	14.2		20.0			
Chlorodifluoromethane	0.4822 0.4233	0.4838	0.4752	0.4618	0.4074	Ave		0.4556				7.1		20.0			
Chloromethane	0.4417 0.4618	0.5873	0.5386	0.5206	0.4705	Ave		0.5034			0.1000	11.0		20.0			
Vinyl chloride	0.3091 0.4054	0.5199	0.4622	0.4590	0.4168	Ave		0.4287			0.1000	16.6		20.0			
Butadiene	0.2700 0.3526	0.4462	0.4057	0.4013	0.3596	Ave		0.3726				16.3		20.0			
Bromomethane	0.3252 0.1183	0.3323	0.2477	0.1475	0.1847	QuaF		0.2200	-0.000203		0.1000				0.9960		0.9900
Chloroethane	0.2129 0.1502	0.2573	0.2222	0.1934	0.1893	Ave		0.2042			0.1000	17.6		20.0			
Trichlorofluoromethane	0.4471 0.4862	0.6878	0.6095	0.5846	0.5258	Ave		0.5568			0.1000	15.8		20.0			
Dichlorofluoromethane	0.5764 0.5493	0.7497	0.6797	0.6446	0.6036	Ave		0.6339				11.6		20.0			
Pentane	0.0554 0.0639	0.0831	0.0732	0.0722	0.0715	Ave		0.0699				13.4		20.0			
Ethanol	0.0514 0.0592	0.0921	0.0720	0.0694	0.0660	QuaF		0.0706	-0.000001						1.0000		0.9900
Ethyl ether	0.2399 0.2170	0.2798	0.2558	0.2464	0.2350	Ave		0.2456				8.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	0.2606 0.2906	0.3657	0.3213	0.3221	0.3143	Ave		0.3124				11.2		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	0.3349 0.2748	0.3479	0.3383	0.3217	0.2819	Ave		0.3166				9.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	0.5246 0.4842	0.5545	0.5596	0.5480	0.4809	Ave		0.5253				6.7		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2926 0.3508	0.4410	0.3790	0.3824	0.3616	Ave		0.3679			0.1000	13.1		20.0			
Acrolein	1.8930 1.4537	1.9135	1.8135	1.7419	1.5939	Ave		1.7349				10.4		20.0			
1,1-Dichloroethene	0.2981 0.3120	0.3963	0.3541	0.3512	0.3355	Ave		0.3412			0.1000	10.2		20.0			
Acetone	1.2708 0.8651	1.0358	0.8552	0.8211	0.8364	Lin2	2.1604	0.8554			0.0500				0.9960		0.9900
Iodomethane	0.3195 0.4566	0.4626	0.4864	0.5160	0.5259	Ave		0.4612				16.2		20.0			
Carbon disulfide	1.0537 1.1508	1.3262	1.2154	1.2394	1.2278	Ave		1.2022			0.1000	7.6		20.0			
Isopropyl alcohol	0.9485 0.7595	1.0591	0.8032	0.8017	0.7866	Ave		0.8598				13.7		20.0			
Allyl chloride	0.1636 0.1942	0.2181	0.2128	0.2124	0.2057	Ave		0.2011				10.0		20.0			
Cyclopentene	0.7249 0.8221	1.0013	0.8926	0.9045	0.8918	Ave		0.8729				10.6		20.0			
Methyl acetate	0.1781 0.1521	0.1872	0.1722	0.1704	0.1631	Ave		0.1705			0.1000	7.1		20.0			
Acetonitrile	0.6918 0.6664	0.8347	0.7531	0.8120	0.7176	Ave		0.7459				9.0		20.0			
Methylene Chloride	0.3796 0.3411	0.4176	0.3788	0.3643	0.3513	Ave		0.3721			0.1000	7.2		20.0			
TBA	1.6058 1.3048	1.6885	1.3168	1.3375	1.3057	Ave		1.4265				12.1		20.0			
Methyl tert-butyl ether	0.6904 0.7574	0.8177	0.7848	0.7789	0.7714	Ave		0.7668			0.1000	5.5		20.0			
trans-1,2-Dichloroethene	0.3485 0.3564	0.4275	0.3912	0.3842	0.3725	Ave		0.3800			0.1000	7.4		20.0			
Acrylonitrile	4.6936 3.8408	5.0185	4.4697	4.4476	4.0163	Ave		4.4144				9.8		20.0			
Hexane	0.3854 0.5248	0.6090	0.5633	0.5824	0.5341	Ave		0.5332				14.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Isopropyl ether	0.8071 0.8772	0.9814	0.9524	0.9479	0.9331	Ave		0.9165				6.9		20.0			
1,1-Dichloroethane	0.5706 0.5372	0.6641	0.6158	0.6064	0.5756	Ave		0.5949			0.2000	7.4		20.0			
Vinyl acetate	0.0426 0.0575	0.0558	0.0560	0.0570	0.0604	Ave		0.0549				11.4		20.0			
2-Chloro-1,3-butadiene	0.2533 0.3180	0.3653	0.3415	0.3429	0.3393	Ave		0.3267				11.9		20.0			
Tert-butyl ethyl ether	0.6704 0.8173	0.8286	0.8182	0.8345	0.8413	Ave		0.8017				8.1		20.0			
2,2-Dichloropropane	0.1228 0.1391	0.1431	0.1336	0.1372	0.1346	Ave		0.1351				5.1		20.0			
cis-1,2-Dichloroethene	0.3614 0.3739	0.4322	0.3944	0.3926	0.3767	Ave		0.3885			0.1000	6.4		20.0			
2-Butanone (MEK)	0.4039 0.4138	0.4468	0.4015	0.4018	0.4181	Ave		0.4143			0.0500	4.2		20.0			
Ethyl acetate	0.2952 0.3676	0.3695	0.3414	0.3637	0.3724	Ave		0.3516				8.5		20.0			
Methyl acrylate	0.1712 0.2072	0.2124	0.2077	0.2077	0.2150	Ave		0.2035				7.9		20.0			
Propionitrile	0.4224 0.4204	0.5060	0.4274	0.4294	0.4324	Ave		0.4397				7.5		20.0			
Chlorobromomethane	0.1658 0.1617	0.1964	0.1791	0.1735	0.1658	Ave		0.1737				7.3		20.0			
Tetrahydrofuran	0.3787 0.4370	0.4778	0.4323	0.4287	0.4360	Ave		0.4317				7.3		20.0			
Methacrylonitrile	0.0935 0.0908	0.1146	0.1055	0.1061	0.1051	Ave		0.1026				8.6		20.0			
Chloroform	0.5276 0.5011	0.6358	0.5733	0.5684	0.5402	Ave		0.5577			0.2000	8.4		20.0			
Cyclohexane	0.4168 0.5062	0.6064	0.5399	0.5549	0.5186	Ave		0.5238			0.1000	12.0		20.0			
1,1,1-Trichloroethane	0.3832 0.4467	0.4955	0.4646	0.4865	0.4605	Ave		0.4562			0.1000	8.8		20.0			
Carbon tetrachloride	0.2957 0.4071	0.4185	0.3909	0.4151	0.4014	Ave		0.3881			0.1000	11.9		20.0			
1,1-Dichloropropene	0.3913 0.4470	0.5204	0.4745	0.4910	0.4594	Ave		0.4639				9.5		20.0			
Isobutyl alcohol	0.7818 0.8639	1.0247	0.8730	0.9409	0.9120	Ave		0.8994				9.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	1.7907 1.8112	2.2329	2.0648	2.0940	2.0119	Ave		2.0009			0.5000	8.6		20.0			
Tert-amyl methyl ether	0.1747 0.2360	0.2307	0.2320	0.2420	0.2552	Ave		0.2284				12.2		20.0			
Isopropyl acetate	0.5073 0.6104	0.6536	0.6215	0.6587	0.6758	Ave		0.6212				9.8		20.0			
1,2-Dichloroethane	0.3331 0.2832	0.3451	0.3196	0.3152	0.2998	Ave		0.3160			0.1000	7.1		20.0			
n-Heptane	0.3851 0.4617	0.5756	0.5152	0.5252	0.4754	Ave		0.4897				13.3		20.0			
n-Butanol	0.2672 0.3718	0.3317	0.2936	0.3391	0.3662	Ave		0.3283				12.5		20.0			
Trichloroethene	0.3108 0.3543	0.3817	0.3519	0.3592	0.3478	Ave		0.3509			0.2000	6.6		20.0			
Methylcyclohexane	0.4579 0.6289	0.6778	0.6293	0.6636	0.6224	Ave		0.6133			0.1000	12.9		20.0			
Ethyl acrylate	0.2158 0.3354	0.2934	0.2816	0.3496	0.3737	Ave		0.3082				18.5		20.0			
1,2-Dichloropropane	0.2788 0.3085	0.3489	0.3236	0.3254	0.3147	Ave		0.3167			0.1000	7.3		20.0			
Methyl methacrylate	0.0496 0.0735	0.0690	0.0697	0.0721	0.0755	Ave		0.0682				13.8		20.0			
1,4-Dioxane	1.5237 1.0638	1.7380	1.5603	1.5287	1.3369	Ave		1.4586				15.9		20.0			
Dibromomethane	0.1609 0.1687	0.1880	0.1776	0.1771	0.1736	Ave		0.1743				5.2		20.0			
n-Propyl acetate	0.2596 0.3027	0.3122	0.2979	0.3115	0.3218	Ave		0.3010				7.3		20.0			
Dichlorobromomethane	0.3102 0.3932	0.4029	0.3744	0.3819	0.3870	Ave		0.3749			0.2000	8.8		20.0			
2-Nitropropane	0.0402 0.0425	0.0395	0.0348	0.0366	0.0414	Ave		0.0392				7.4		20.0			
2-Chloroethyl vinyl ether	0.1003 0.1483	0.1486	0.1433	0.1485	0.1488	Ave		0.1396				13.9		20.0			
Epichlorohydrin	0.2404 0.3058	0.3204	0.2889	0.2990	0.3048	Ave		0.2932				9.5		20.0			
cis-1,3-Dichloropropene	0.4824 0.7168	0.7122	0.6915	0.7235	0.7204	Ave		0.6745			0.2000	14.1		20.0			
4-Methyl-2-pentanone (MIBK)	2.0542 2.4931	3.0359	2.5113	2.5496	2.6041	Ave		2.5414			0.0500	12.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toluene	1.9134 1.8766	2.2931	2.0587	2.1117	2.0275	Ave		2.0468			0.4000	7.3		20.0			
trans-1,3-Dichloropropene	0.3863 0.5928	0.5521	0.5452	0.5776	0.5901	Ave		0.5407			0.1000	14.4		20.0			
Ethyl methacrylate	0.2450 0.3174	0.3405	0.3106	0.3179	0.3219	Ave		0.3089				10.6		20.0			
1,1,2-Trichloroethane	0.2730 0.3244	0.3623	0.3254	0.3319	0.3302	Ave		0.3245			0.1000	8.9		20.0			
Tetrachloroethene	0.4063 0.5073	0.5761	0.5169	0.5443	0.5251	Ave		0.5127			0.2000	11.2		20.0			
1,3-Dichloropropane	0.5453 0.5942	0.6676	0.6168	0.6236	0.6127	Ave		0.6100				6.6		20.0			
2-Hexanone	1.4217 1.7176	2.1145	1.7367	1.7980	1.8301	Ave		1.7698			0.0500	12.6		20.0			
n-Butyl acetate	0.0830 0.0986	0.1047	0.0933	0.0983	0.1040	Ave		0.0970				8.3		20.0			
Chlorodibromomethane	0.3032 0.4360	0.4175	0.3976	0.4168	0.4426	Ave		0.4023			0.1000	12.7		20.0			
Ethylene Dibromide	0.3062 0.3789	0.4005	0.3741	0.3827	0.3874	Ave		0.3716			0.1000	9.0		20.0			
Chlorobenzene	1.1695 1.1636	1.4969	1.2984	1.3107	1.2595	Ave		1.2831			0.5000	9.5		20.0			
Ethylbenzene	0.5954 0.5997	0.7963	0.7066	0.7301	0.6938	Ave		0.6870			0.1000	11.3		20.0			
1,1,1,2-Tetrachloroethane	0.3206 0.3688	0.4599	0.4076	0.4334	0.4297	Ave		0.4033				12.6		20.0			
m-Xylene & p-Xylene	0.7448 0.7303	0.9761	0.8486	0.8973	0.8581	Ave		0.8426			0.1000	11.0		20.0			
n-Butyl acrylate	0.2494 0.2712	0.2674	0.2433	0.2637	0.2867	Ave		0.2636				5.9		20.0			
o-Xylene	0.6868 0.7067	0.9252	0.8115	0.8384	0.8024	Ave		0.7952			0.3000	11.1		20.0			
Styrene	1.1774 1.1331	1.6123	1.3984	1.4385	1.3564	Ave		1.3527			0.3000	13.0		20.0			
Amyl acetate (mixed isomers)	0.7708 1.1004	1.1250	0.9310	0.9891	1.0618	Ave		0.9963				13.2		20.0			
Bromoform	0.1470 0.2595	0.2478	0.2243	0.2466	0.2692	Lin2	-0.107	0.2551			0.1000				0.9960		0.9900
Isopropylbenzene	1.7253 1.7732	2.4947	2.1691	2.2803	2.1140	Ave		2.0928			0.1000	14.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Bromobenzene	0.9366 1.1237	1.2427	1.0035	1.0377	1.0307	Ave		1.0625				10.1		20.0			
1,1,2,2-Tetrachloroethane	0.7653 1.0134	1.1104	0.8875	0.9286	0.9784	Ave		0.9473			0.3000	12.4		20.0			
N-Propylbenzene	4.2674 4.7680	6.1015	5.0341	5.3560	5.1636	Ave		5.1151				12.0		20.0			
1,2,3-Trichloropropane	0.1785 0.2517	0.3077	0.2428	0.2522	0.2598	Ave		0.2488				16.7		20.0			
trans-1,4-Dichloro-2-butene	0.1566 0.2187	0.2606	0.2114	0.2217	0.2214	Ave		0.2151				15.6		20.0			
4-Ethyltoluene	3.4575 3.6233	4.9043	4.0029	4.2153	4.2563	Ave		4.0766				12.7		20.0			
2-Chlorotoluene	2.9090 2.9069	4.0266	3.2353	3.4076	3.2542	Ave		3.2899				12.6		20.0			
1,3,5-Trimethylbenzene	2.9941 3.0299	4.1782	3.4438	3.5932	3.2993	Ave		3.4231				12.8		20.0			
4-Chlorotoluene	2.6259 2.5618	3.6478	2.9219	3.0508	2.9103	Ave		2.9531				13.2		20.0			
Butyl Methacrylate	0.6131 0.9620	1.1016	0.9524	1.0301	1.0667	Lin2	-0.402	1.0398							0.9930		0.9900
tert-Butylbenzene	2.3999 2.9471	3.6264	3.0021	3.2061	3.0386	Ave		3.0367				13.1		20.0			
1,2,4-Trimethylbenzene	2.8939 3.1047	4.1228	3.3816	3.5172	3.3196	Ave		3.3900				12.4		20.0			
sec-Butylbenzene	3.7594 4.2047	5.6448	4.6097	4.9519	4.6034	Ave		4.6290				13.9		20.0			
4-Isopropyltoluene	3.0888 3.4218	4.6878	3.8174	4.0464	3.7354	Ave		3.7996				14.4		20.0			
1,3-Dichlorobenzene	1.7222 1.6850	2.3652	1.9168	1.9975	1.9052	Ave		1.9320			0.6000	12.6		20.0			
1,4-Dichlorobenzene	1.8407 1.6114	2.5147	1.9440	1.9912	1.8571	Ave		1.9598			0.5000	15.4		20.0			
1,2,3-Trimethylbenzene	3.1027 2.7753	4.2550	3.3943	3.5124	3.3017	Ave		3.3902				14.6		20.0			
Benzyl chloride	0.1270 0.3204	0.2483	0.2359	0.2760	0.3157	Lin2	-0.166	0.2892							0.9900		0.9900
Indan	1.0954 0.9059	1.4370	1.1856	1.2289	1.1608	Ave		1.1689				14.8		20.0			
p-Diethylbenzene	1.9039 1.8942	2.7085	2.1705	2.2965	2.1665	Ave		2.1900				13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butylbenzene	1.7643 1.6309	2.5738	2.0681	2.2023	1.8965	Ave		2.0226				16.8		20.0			
1,2-Dichlorobenzene	1.6847 1.6141	2.2343	1.7864	1.8322	1.7795	Ave		1.8219			0.4000	11.9		20.0			
1,2,4,5-Tetramethylbenzene	2.6301 3.5009	3.7177	3.1247	3.3455	3.4010	Ave		3.2866				11.4		20.0			
1,2-Dibromo-3-Chloropropane	0.1292 0.2210	0.1993	0.1686	0.1820	0.1925	Ave		0.1821			0.0500	17.2		20.0			
1,3,5-Trichlorobenzene	1.2993 1.4749	1.7271	1.3556	1.4019	1.3715	Ave		1.4384				10.6		20.0			
1,2,4-Trichlorobenzene	1.1884 1.3325	1.5202	1.1816	1.1923	1.1477	Ave		1.2605			0.2000	11.3		20.0			
Hexachlorobutadiene	0.4842 0.6559	0.7189	0.5610	0.6054	0.5506	Ave		0.5960				14.0		20.0			
Naphthalene	2.6145 3.2100	3.4423	2.7264	2.8404	2.8590	Ave		2.9487				10.6		20.0			
1,2,3-Trichlorobenzene	1.0661 1.2441	1.3818	1.0789	1.1019	1.0695	Ave		1.1570				11.1		20.0			
Dibromofluoromethane (Surr)	0.2640 0.2506	0.2659	0.2599	0.2562	0.2611	Ave		0.2596				2.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2076 0.2053	0.2087	0.2067	0.1955	0.2093	Ave		0.2055				2.5		20.0			
Toluene-d8 (Surr)	1.3637 1.4336	1.3912	1.3747	1.3657	1.4073	Ave		1.3894				2.0		20.0			
4-Bromofluorobenzene	0.7559 0.9105	0.7805	0.7661	0.7672	0.8215	Ave		0.8003				7.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 460-724430/4	D72378.D
Level 2	STD5 460-724430/5	D72379.D
Level 3	STD20 460-724430/6	D72380.D
Level 4	STD50 460-724430/7	D72381.D
Level 5	STD200 460-724430/8	D72382.D
Level 6	STD500 460-724430/9	D72383.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Monochloropentafluoroethane	FB	Ave	497 434494	3011	12735	31929	149573	1.00 500	5.00	20.0	50.0	200
Chlorotrifluoroethene	FB	Ave	2162 1330427	10855	45338	112867	465317	1.00 500	5.00	20.0	50.0	200
1,1-Difluoroethane	FB	Ave	2495 1458881	12875	53853	133712	515064	1.00 500	5.00	20.0	50.0	200
Dichlorodifluoromethane	FB	Ave	4719 3684830	36144	138722	356211	1381111	1.00 500	5.00	20.0	50.0	200
Chlorodifluoromethane	FB	Ave	5194 2964401	26163	108963	273857	1052847	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	4757 3234307	31757	123494	308679	1215837	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	3329 2839436	28111	105983	272197	1076999	1.00 500	5.00	20.0	50.0	200
Butadiene	FB	Ave	2908 2469724	24127	93025	237946	929163	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	QuaF	3503 828331	17971	56801	87440	477189	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	2293 1051641	13912	50957	114663	489088	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	4815 3405428	37191	139751	346670	1358661	1.00 500	5.00	20.0	50.0	200
Dichlorofluoromethane	FB	Ave	6208 3847006	40540	155854	382261	1559740	1.00 500	5.00	20.0	50.0	200
Pentane	FB	Ave	1194 894650	8983	33573	85614	369425	2.00 1000	10.0	40.0	100	400
Ethanol	TBAd9	QuaF	387 339974	3758	12958	32181	143066	40.0 20000	200	800	2000	8000
Ethyl ether	FB	Ave	2584 1519999	15128	58652	146096	607199	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	2807 2035204	19775	73684	190996	812146	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	3607 1924334	18810	77563	190743	728545	1.00 500	5.00	20.0	50.0	200
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	5650 3391117	29983	128308	324940	1242753	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	3151 2457181	23846	86912	226776	934519	1.00 500	5.00	20.0	50.0	200
Acrolein	TBAd9	Ave	35625 250417	78065	122429	161573	215872	100 600	200	300	400	500
1,1-Dichloroethene	FB	Ave	3211 2185006	21427	81190	208283	866991	1.00 500	5.00	20.0	50.0	200
Acetone	BUT	Lin2	5025 2249641	20964	76499	189651	826579	5.00 2500	25.0	100	250	1000
Iodomethane	FB	Ave	3441 3197779	25015	111531	305959	1359050	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	11349 8060067	71714	278689	734969	3172878	1.00 500	5.00	20.0	50.0	200
Isopropyl alcohol	TBAd9	Ave	1785 1090291	10802	36150	92950	426112	10.0 5000	50.0	200	500	2000
Allyl chloride	FB	Ave	1762 1359828	11796	48793	125944	531578	1.00 500	5.00	20.0	50.0	200
Cyclopentene	FB	Ave	7807 5758124	54144	204673	536350	2304549	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	Ave	3836 2130746	20242	78958	202110	842939	2.00 1000	10.0	40.0	100	400
Acetonitrile	TBAd9	Ave	1302 956552	8513	33894	94154	388731	10.0 5000	50.0	200	500	2000
Methylene Chloride	FB	Ave	4088 2388751	22583	86866	215997	907736	1.00 500	5.00	20.0	50.0	200
TBA	TBAd9	Ave	3022 1873045	17221	59262	155074	707337	10.0 5000	50.0	200	500	2000
Methyl tert-butyl ether	FB	Ave	7436 5304588	44215	179946	461884	1993516	1.00 500	5.00	20.0	50.0	200
trans-1,2-Dichloroethene	FB	Ave	3754 2496017	23117	89689	227809	962555	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	TBAd9	Ave	8833 5513405	51184	201158	515687	2175778	10.0 5000	50.0	200	500	2000
Hexane	FB	Ave	4151 3675688	32933	129152	345329	1380144	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	8693 6143477	53067	218372	562113	2411293	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	6146 3762458	35909	141201	359567	1487456	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Vinyl acetate	FB	Ave	917 805539	6038	25688	67579	312034	2.00 1000	10.0	40.0	100	400
2-Chloro-1,3-butadiene	FB	Ave	2728 2227484	19755	78295	203310	876732	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	7221 5724055	44807	187612	494847	2174093	1.00 500	5.00	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	1323 974347	7736	30633	81370	347929	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	3892 2619051	23369	90427	232816	973371	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	BUT	Ave	1597 1076157	9043	35920	92811	413209	5.00 2500	25.0	100	250	1000
Ethyl acetate	BUT	Ave	467 382356	2991	12216	33597	147208	2.00 1000	10.0	40.0	100	400
Methyl acrylate	FB	Ave	1844 1451303	11488	47628	123172	555497	1.00 500	5.00	20.0	50.0	200
Propionitrile	BUT	Ave	3341 2186229	20484	76464	198334	854598	10.0 5000	50.0	200	500	2000
Chlorobromomethane	FB	Ave	1786 1132567	10622	41071	102891	428482	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	BUT	Ave	599 454531	3868	15470	39603	172355	2.00 1000	10.0	40.0	100	400
Methacrylonitrile	FB	Ave	10067 6359504	61949	241944	629129	2715507	10.0 5000	50.0	200	500	2000
Chloroform	FB	Ave	5683 3509494	34379	131455	337076	1395892	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	4489 3545024	32790	123788	329049	1340042	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	4127 3128750	26796	106529	288513	1190153	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	3185 2851377	22631	89629	246157	1037300	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	4214 3130794	28142	108804	291156	1187147	1.00 500	5.00	20.0	50.0	200
Isobutyl alcohol	TBAd9	Ave	3678 3100378	26127	98225	272745	1235118	25.0 12500	125	500	1250	5000
Benzene	CBNZ d5	Ave	13060 8403500	80246	314406	818263	3411992	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	1882 1652948	12473	53198	143527	659492	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	Ave	5464 4275073	35342	142512	390611	1746414	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane	FB	Ave	3588 1983348	18660	73289	186882	774855	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	Ave	4148 3233957	31127	118124	311442	1228539	1.00 500	5.00	20.0	50.0	200
n-Butanol	TBAd9	Ave	1257 1334171	8458	33039	98294	495989	25.0 12500	125	500	1250	5000
Trichloroethene	FB	Ave	3347 2481783	20642	80694	212976	898692	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	4932 4404911	36654	144286	393523	1608505	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	2324 2349057	15864	64576	207304	965723	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	3003 2160808	18868	74209	192956	813322	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	1069 1029050	7459	31976	85524	390351	2.00 1000	10.0	40.0	100	400
1,4-Dioxane	DXE	Ave	592 421412	3853	14492	37919	162280	20.0 10000	100	400	1000	4000
Dibromomethane	FB	Ave	1733 1181673	10165	40730	105012	448566	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	2796 2120115	16884	68309	184734	831571	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	3341 2753698	21788	85852	226483	1000006	1.00 500	5.00	20.0	50.0	200
2-Nitropropane	FB	Ave	865 595239	4277	15974	43444	213734	2.00 1000	10.0	40.0	100	400
2-Chloroethyl vinyl ether	FB	Ave	1083 1041333	8055	32945	88287	385410	1.00 501	5.01	20.0	50.1	200
Epichlorohydrin	BUT	Ave	3803 3181135	25937	103382	276244	1204960	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBNZ d5	Ave	3518 3325555	25596	105287	282714	1221712	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	BUT	Ave	8123 6483091	61444	224654	588859	2573511	5.00 2500	25.0	100	250	1000
Toluene	CBNZ d5	Ave	13955 8706527	82409	313472	825158	3438364	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBNZ d5	Ave	2817 2750446	19841	83023	225708	1000694	1.00 500	5.00	20.0	50.0	200
Ethyl methacrylate	FB	Ave	2639 2223184	18414	71219	188524	831850	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBNZ d5	Ave	1991 1505164	13021	49550	129696	560029	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Tetrachloroethene	CBNZ d5	Ave	2963 2353489	20704	78701	212705	890500	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBNZ d5	Ave	3977 2756991	23991	93913	243667	1039041	1.00 500	5.00	20.0	50.0	200
2-Hexanone	BUT	Ave	5622 4466415	42795	155362	415276	1808558	5.00 2500	25.0	100	250	1000
n-Butyl acetate	CBNZ d5	Ave	605 457501	3762	14210	38395	176380	1.00 500	5.00	20.0	50.0	200
Chlorodibromomethane	CBNZ d5	Ave	2211 2022978	15005	60543	162884	750557	1.00 500	5.00	20.0	50.0	200
Ethylene Dibromide	CBNZ d5	Ave	2233 1757741	14393	56959	149530	656942	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBNZ d5	Ave	8529 5398721	53795	197707	512158	2135957	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBNZ d5	Ave	4342 2782553	28616	107584	285307	1176629	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	2338 1711248	16527	62071	169367	728742	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBNZ d5	Ave	5432 3388398	35080	129216	350638	1455298	1.00 500	5.00	20.0	50.0	200
n-Butyl acrylate	CBNZ d5	Ave	1819 1258259	9609	37049	103046	486168	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBNZ d5	Ave	5009 3278689	33248	123569	327627	1360786	1.00 500	5.00	20.0	50.0	200
Styrene	CBNZ d5	Ave	8587 5257339	57943	212923	562105	2300315	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCBd 4	Ave	2816 2172501	19976	72237	195948	884749	1.00 500	5.00	20.0	50.0	200
Bromoform	CBNZ d5	Lin2	1072 1204139	8904	34157	96351	456596	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBNZ d5	Ave	12583 8227157	89653	330287	891077	3585116	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCBd 4	Ave	3422 2218595	22066	77859	205579	858854	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	2796 2000874	19716	68856	183977	815292	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCBd 4	Ave	15591 9413547	108338	390589	1061108	4302722	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCBd 4	Ave	652 496869	5464	18841	49959	216488	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	572 431832	4627	16402	43913	184471	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4-Ethyltoluene	DCBd 4	Ave	12632 7153602	87081	310578	835114	3546688	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCBd 4	Ave	10628 5739134	71497	251023	675094	2711649	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCBd 4	Ave	10939 5981927	74188	267197	711867	2749223	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCBd 4	Ave	9594 5057799	64771	226702	604414	2425101	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCBd 4	Lin2	2240 1899400	19561	73893	204080	888844	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCBd 4	Ave	8768 5818458	64390	232926	635189	2531964	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCBd 4	Ave	10573 6129744	73205	262371	696827	2766160	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCBd 4	Ave	13735 8301414	100229	357659	981058	3835872	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCBd 4	Ave	11285 6755717	83237	296182	801654	3112594	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCBd 4	Ave	6292 3326750	41997	148724	395748	1587522	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCBd 4	Ave	6725 3181354	44652	150830	394492	1547446	1.00 500	5.00	20.0	50.0	200
1,2,3-Trimethylbenzene	DCBd 4	Ave	11336 5479365	75553	263356	695857	2751206	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCBd 4	Lin2	464 632490	4408	18303	54685	263071	1.00 500	5.00	20.0	50.0	200
Indan	FB	Ave	11798 6344720	77707	271842	728727	2999686	1.00 500	5.00	20.0	50.0	200
p-Diethylbenzene	DCBd 4	Ave	6956 3739689	48093	168407	454979	1805333	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCBd 4	Ave	6446 3219888	45700	160457	436312	1580298	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCBd 4	Ave	6155 3186782	39672	138601	362985	1482831	1.00 500	5.00	20.0	50.0	200
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	9609 6911861	66012	242441	662798	2833980	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	472 436271	3539	13083	36057	160395	1.00 500	5.00	20.0	50.0	200
1,3,5-Trichlorobenzene	DCBd 4	Ave	4747 2911872	30666	105180	277737	1142865	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCBd 4	Ave	4342 2630796	26993	91678	236209	956381	1.00 500	5.00	20.0	50.0	200

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1 Analy Batch No.: 724430

SDG No.:

Instrument ID: CVOAMS4 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 09/16/2020 13:42 Calibration End Date: 09/16/2020 16:01 Calibration ID: 81955

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCBd 4	Ave	1769 1294882	12765	43528	119945	458805	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCBd 4	Ave	9552 6337522	61121	211534	562739	2382353	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCBd 4	Ave	3895 2456251	24535	83708	218309	891177	1.00 500	5.00	20.0	50.0	200
Dibromofluoromethane (Surr)	FB	Ave	142171 175511	143806	148999	151944	168703	50.0 50.0	50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	111789 143808	112866	118482	115929	135245	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	497269 665146	499951	523292	533673	596669	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCBd 4	Ave	138090 179756	138593	148598	151988	171131	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD
QuaF = Quadratic ISTD forced zero

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72378.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 16-Sep-2020 13:42:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0116852-004
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:05:57 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:43:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	95	497	1.00	0.8361	
2 Chlorotrifluoroethene	116	1.339	1.345	-0.006	87	2162	1.00	1.04	
3 1,1-Difluoroethane	65	1.358	1.358	0.000	95	2495	1.00	1.04	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	4719	1.00	0.7794	
5 Chlorodifluoromethane	51	1.400	1.400	0.000	97	5194	1.00	1.06	
6 Chloromethane	50	1.565	1.565	0.000	99	4757	1.00	0.8774	
8 Vinyl chloride	62	1.656	1.662	-0.006	96	3329	1.00	0.7209	
7 Butadiene	54	1.687	1.687	0.000	95	2908	1.00	0.7247	
9 Bromomethane	94	1.986	1.986	0.000	98	3503	1.00	1.48	
10 Chloroethane	64	2.083	2.083	0.000	98	2293	1.00	1.04	
11 Dichlorofluoromethane	67	2.296	2.297	0.000	97	6208	1.00	0.9093	
13 Trichlorofluoromethane	101	2.296	2.297	0.000	95	4815	1.00	0.8029	
12 Pentane	72	2.351	2.351	0.000	95	1194	2.00	1.59	
15 Ethanol	46	2.577	2.571	0.006	68	387	40.0	29.1	
14 Ethyl ether	59	2.589	2.595	-0.006	95	2584	1.00	0.9767	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	94	2807	1.00	0.8342	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.650	2.656	-0.006	85	3607	1.00	1.06	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	96	5650	1.00	1.00	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	90	3151	1.00	0.7952	
19 Acrolein	56	2.784	2.784	0.000	95	35625	100.0	109.1	
21 1,1-Dichloroethene	96	2.809	2.815	-0.006	94	3211	1.00	0.8738	
22 Acetone	43	2.937	2.937	0.000	89	5025	5.00	4.90	
23 Iodomethane	142	2.979	2.979	0.000	97	3441	1.00	0.6928	
24 Carbon disulfide	76	3.010	3.010	0.000	98	11349	1.00	0.8765	
25 Isopropyl alcohol	45	3.065	3.065	0.000	95	1785	10.0	11.0	
26 3-Chloro-1-propene	76	3.193	3.199	-0.006	92	1762	1.00	0.8134	
28 Cyclopentene	67	3.211	3.211	0.000	91	7807	1.00	0.8304	
27 Methyl acetate	43	3.229	3.223	0.006	99	3836	2.00	2.09	
29 Acetonitrile	40	3.284	3.284	0.000	97	1302	10.0	9.27	
30 Methylene Chloride	84	3.345	3.351	-0.006	86	4088	1.00	1.02	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.369	0.000	0	188192	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.449	3.455	-0.006	98	3022	10.0	11.3	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	7436	1.00	0.9004	
34 trans-1,2-Dichloroethene	96	3.571	3.571	0.000	90	3754	1.00	0.9171	
35 Acrylonitrile	53	3.668	3.668	0.000	94	8833	10.0	10.6	
36 Hexane	57	3.760	3.766	-0.006	90	4151	1.00	0.7229	
37 Isopropyl ether	45	4.028	4.028	0.000	97	8693	1.00	0.8806	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	6146	1.00	0.9591	
39 Vinyl acetate	86	4.089	4.089	0.000	99	917	2.00	1.55	
40 2-Chloro-1,3-butadiene	88	4.101	4.101	0.000	87	2728	1.00	0.7753	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	89	7221	1.00	0.8363	
43 2,2-Dichloropropane	79	4.644	4.644	0.000	81	1323	1.00	0.9094	
* 42 2-Butanone-d5	46	4.644	4.650	-0.006	86	197716	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.680	4.680	0.000	97	3892	1.00	0.9301	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	99	1597	5.00	4.87	
46 Ethyl acetate	70	4.735	4.735	0.000	98	467	2.00	1.68	
47 Methyl acrylate	55	4.790	4.790	0.000	98	1844	1.00	0.8411	
48 Propionitrile	54	4.875	4.869	0.006	98	3341	10.0	9.61	
50 Tetrahydrofuran	72	4.961	4.955	0.006	75	599	2.00	1.75	
49 Chlorobromomethane	128	4.954	4.955	-0.001	89	1786	1.00	0.9545	
51 Methacrylonitrile	67	4.997	4.997	0.000	89	10067	10.0	9.11	
52 Chloroform	83	5.028	5.034	-0.006	99	5683	1.00	0.9461	
53 Cyclohexane	84	5.156	5.162	-0.006	87	4489	1.00	0.7957	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	99	4127	1.00	0.8400	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	97	142171	50.0	50.8	
56 Carbon tetrachloride	117	5.326	5.333	-0.006	97	3185	1.00	0.7619	
57 1,1-Dichloropropene	75	5.375	5.375	0.000	96	4214	1.00	0.8433	
58 Isobutyl alcohol	43	5.582	5.582	0.000	79	3678	25.0	21.7	
59 Benzene	78	5.613	5.613	0.000	93	13060	1.00	0.8949	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.643	5.643	0.000	94	111789	50.0	50.5	
61 Tert-amyl methyl ether	87	5.717	5.717	0.000	92	1882	1.00	0.7649	
62 Isopropyl acetate	43	5.723	5.723	0.000	98	5464	1.00	0.8166	
63 1,2-Dichloroethane	62	5.735	5.735	0.000	96	3588	1.00	1.05	
64 n-Heptane	43	5.826	5.832	-0.006	87	4148	1.00	0.7864	
* 65 Fluorobenzene	96	5.979	5.979	0.000	99	538524	50.0	50.0	
66 n-Butanol	56	6.412	6.405	0.007	38	1257	25.0	20.3	
67 Trichloroethene	95	6.412	6.412	0.000	96	3347	1.00	0.8855	
68 Methylcyclohexane	83	6.552	6.552	0.000	88	4932	1.00	0.7466	
69 Ethyl acrylate	55	6.600	6.594	0.006	94	2324	1.00	0.7000	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	94	3003	1.00	0.8805	
* 71 1,4-Dioxane-d8	96	6.844	6.844	0.000	0	19427	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	81	1069	2.00	1.45	
73 1,4-Dioxane	88	6.905	6.911	-0.006	44	592	20.0	20.9	
74 Dibromomethane	93	6.918	6.918	0.000	94	1733	1.00	0.9230	
75 n-Propyl acetate	43	6.960	6.954	0.006	96	2796	1.00	0.8626	
76 Dichlorobromomethane	83	7.094	7.094	0.000	96	3341	1.00	0.8273	
77 2-Nitropropane	41	7.442	7.442	0.000	74	865	2.00	2.05	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	87	1083	1.00	0.7200	
79 Epichlorohydrin	57	7.545	7.545	0.000	97	3803	20.0	16.4	
80 cis-1,3-Dichloropropene	75	7.594	7.594	0.000	87	3518	1.00	0.7152	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	0.000	95	8123	5.00	4.04	
$ 82 Toluene-d8 (Surr)	98	7.814	7.814	0.000	99	497269	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.881	7.881	0.000	92	13955	1.00	0.9348	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	93	2817	1.00	0.7144	
85 Ethyl methacrylate	69	8.216	8.216	0.000	84	2639	1.00	0.7932	
86 1,1,2-Trichloroethane	83	8.356	8.356	0.000	96	1991	1.00	0.8412	
87 Tetrachloroethene	166	8.387	8.387	0.000	95	2963	1.00	0.7925	
88 1,3-Dichloropropane	76	8.515	8.515	0.000	86	3977	1.00	0.8939	
89 2-Hexanone	43	8.570	8.564	0.006	95	5622	5.00	4.02	
90 n-Butyl acetate	73	8.655	8.655	0.000	88	605	1.00	0.8555	
91 Chlorodibromomethane	129	8.692	8.692	0.000	97	2211	1.00	0.7536	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	2233	1.00	0.8239	
* 93 Chlorobenzene-d5	117	9.173	9.179	-0.006	84	364656	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	8529	1.00	0.9114	
95 Ethylbenzene	106	9.265	9.265	0.000	98	4342	1.00	0.8666	
96 1,1,1,2-Tetrachloroethane	131	9.277	9.277	0.000	92	2338	1.00	0.7948	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	5432	1.00	0.8840	
98 n-Butyl acrylate	73	9.673	9.673	0.000	96	1819	1.00	0.9461	
99 o-Xylene	106	9.697	9.698	-0.001	95	5009	1.00	0.8637	
100 Styrene	104	9.716	9.722	-0.006	96	8587	1.00	0.8704	
101 Amyl acetate (mixed isomers)	43	9.844	9.850	-0.006	91	2816	1.00	0.7736	
102 Bromoform	173	9.893	9.893	0.000	91	1072	1.00	0.99	
103 Isopropylbenzene	105	9.978	9.978	0.000	95	12583	1.00	0.8244	
$ 104 4-Bromofluorobenzene	174	10.142	10.143	-0.001	0	138090	50.0	47.2	
105 Bromobenzene	156	10.252	10.252	0.000	95	3422	1.00	0.8815	
106 1,1,2,2-Tetrachloroethane	83	10.271	10.271	-0.001	98	2796	1.00	0.8079	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	15591	1.00	0.8343	
108 1,2,3-Trichloropropane	110	10.313	10.313	0.000	96	652	1.00	0.7173	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	77	572	1.00	0.7280	
110 4-Ethyltoluene	105	10.380	10.380	0.000	99	12632	1.00	0.8481	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	10628	1.00	0.8842	
112 1,3,5-Trimethylbenzene	105	10.429	10.429	0.000	93	10939	1.00	0.8747	
113 4-Chlorotoluene	91	10.472	10.478	-0.006	96	9594	1.00	0.8892	
114 Butyl Methacrylate	87	10.490	10.496	-0.006	86	2240	1.00	0.9759	
115 tert-Butylbenzene	119	10.667	10.667	0.000	95	8768	1.00	0.7903	
116 1,2,4-Trimethylbenzene	105	10.716	10.716	0.000	96	10573	1.00	0.8537	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	13735	1.00	0.8121	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	11285	1.00	0.8129	
119 1,3-Dichlorobenzene	146	10.947	10.953	-0.006	96	6292	1.00	0.8914	
* 120 1,4-Dichlorobenzene-d4	152	11.002	11.002	0.000	94	182677	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	95	6725	1.00	0.9392	
122 1,2,3-Trimethylbenzene	105	11.026	11.033	-0.007	96	11336	1.00	0.9152	a
123 Benzyl chloride	126	11.130	11.130	0.000	98	464	1.00	1.01	
124 2,3-Dihydroindene	117	11.179	11.179	0.000	92	11798	1.00	0.9371	
125 p-Diethylbenzene	119	11.209	11.209	0.000	95	6956	1.00	0.8694	
126 n-Butylbenzene	92	11.228	11.228	0.000	98	6446	1.00	0.8723	
127 1,2-Dichlorobenzene	146	11.295	11.295	0.000	97	6155	1.00	0.9247	
128 1,2,4,5-Tetramethylbenzene	119	11.807	11.807	0.000	97	9609	1.00	0.8002	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	79	472	1.00	0.7095	
130 1,3,5-Trichlorobenzene	180	12.045	12.045	0.000	97	4747	1.00	0.9033	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	93	4342	1.00	0.9429	
132 Hexachlorobutadiene	225	12.746	12.746	0.000	88	1769	1.00	0.8124	
133 Naphthalene	128	12.916	12.916	0.000	99	9552	1.00	0.8866	
134 1,2,3-Trichlorobenzene	180	13.191	13.191	0.000	94	3895	1.00	0.9214	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		2.00	1.85	
S 136 1,3-Dichloropropene, Total	100				0		2.00	1.43	
S 137 Xylenes, Total	100				0		2.00	1.75	
S 138 Total BTEX	1				0		5.00	4.44	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00112	Amount Added:	10.00	Units: uL	
GASES Li_00386	Amount Added:	1.00	Units: uL	
524freon_00027	Amount Added:	1.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	1.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Sep-2020 13:05:58 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72378.D

Injection Date: 16-Sep-2020 13:42:30 Instrument ID: CVOAMS4 Operator ID:

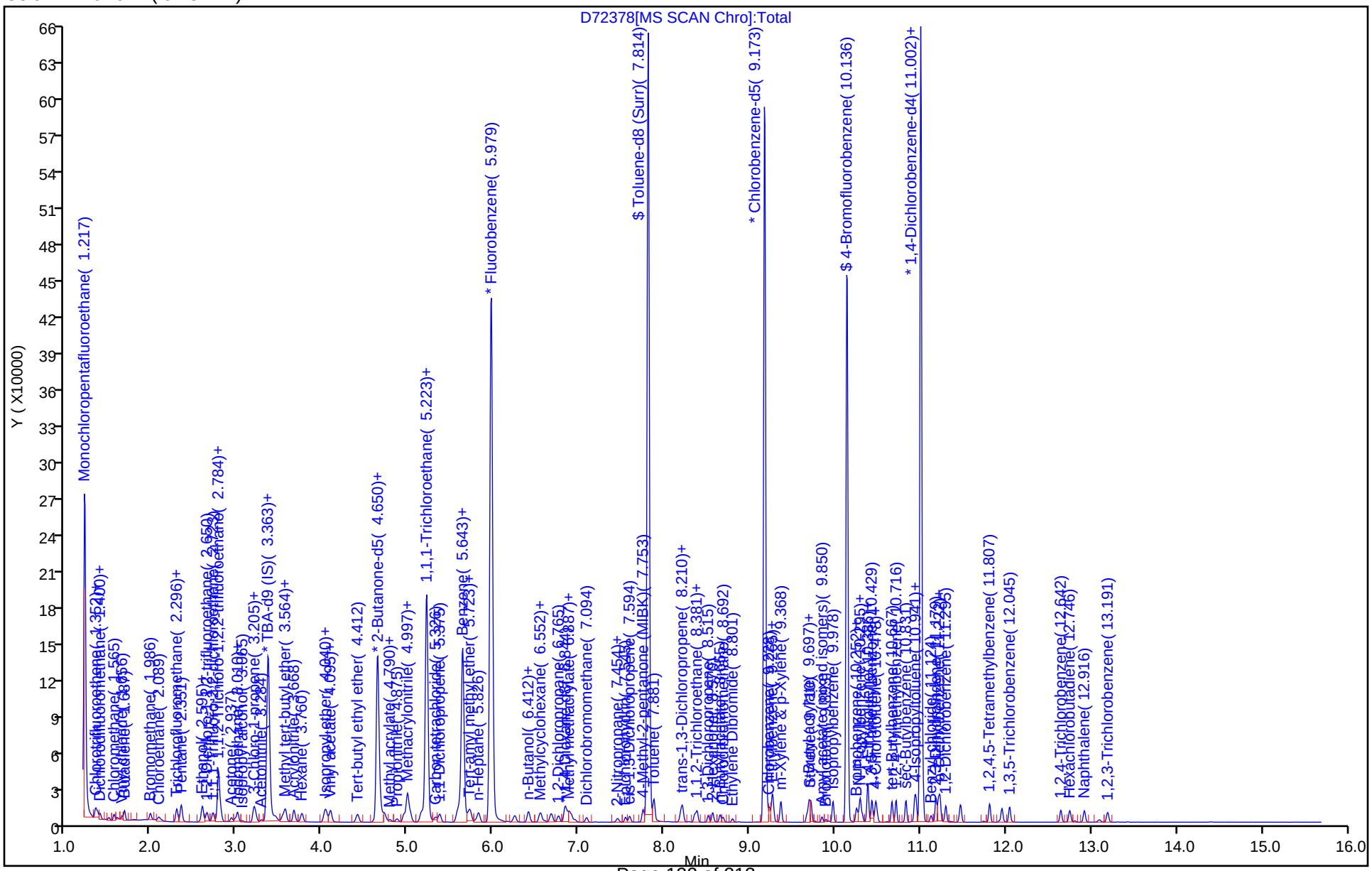
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

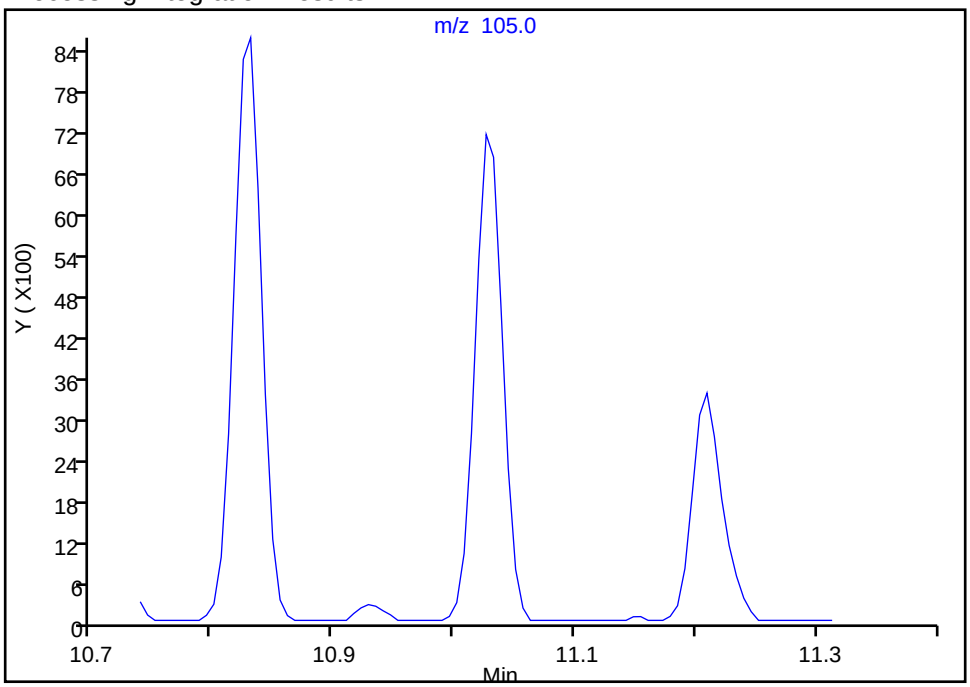
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72378.D
Injection Date: 16-Sep-2020 13:42:30 Instrument ID: CVOAMS4
Lims ID: STD1
Client ID:
Operator ID: ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

122 1,2,3-Trimethylbenzene, CAS: 526-73-8

Signal: 1

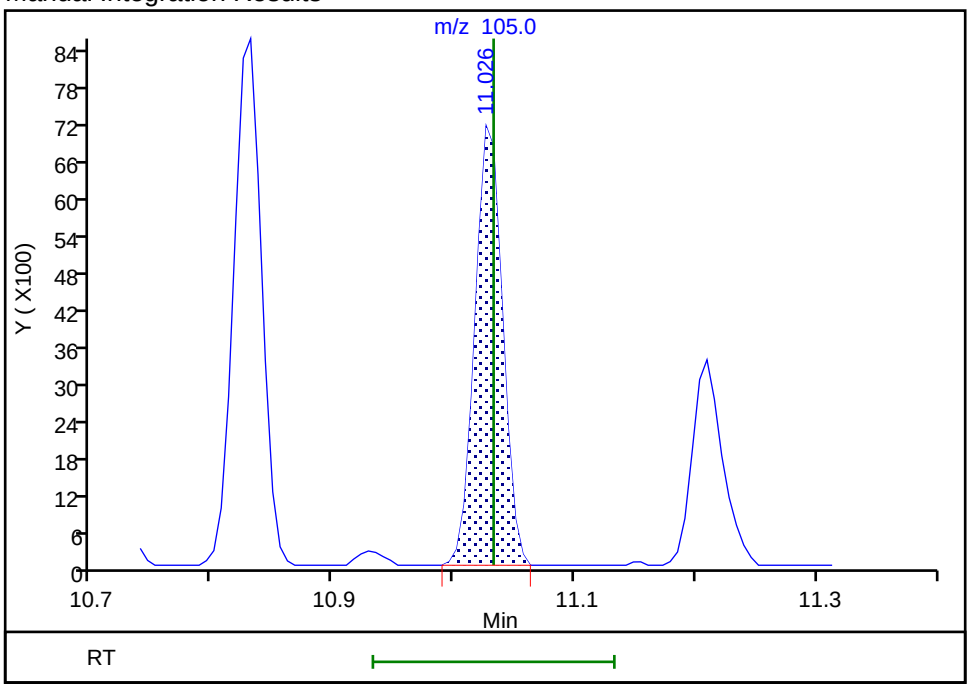
Not Detected
Expected RT: 11.03

Processing Integration Results



Manual Integration Results

RT: 11.03
Area: 11336
Amount: 0.915200
Amount Units: ug/l



Reviewer: delpolitov, 17-Sep-2020 12:37:12
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72379.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 16-Sep-2020 14:09:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0116852-005
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:06:07 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:44:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	98	3011	5.00	5.04	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	90	10855	5.00	5.19	
3 1,1-Difluoroethane	65	1.358	1.358	0.000	93	12875	5.00	5.34	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	36144	5.00	5.95	
5 Chlorodifluoromethane	51	1.400	1.400	0.000	97	26163	5.00	5.31	
6 Chloromethane	50	1.565	1.565	0.000	99	31757	5.00	5.83	
8 Vinyl chloride	62	1.656	1.662	-0.006	98	28111	5.00	6.06	
7 Butadiene	54	1.687	1.687	0.000	96	24127	5.00	5.99	
9 Bromomethane	94	1.985	1.986	-0.001	98	17971	5.00	7.61	
10 Chloroethane	64	2.089	2.083	0.006	99	13912	5.00	6.30	
11 Dichlorofluoromethane	67	2.296	2.297	0.000	98	40540	5.00	5.91	
13 Trichlorofluoromethane	101	2.296	2.297	0.000	99	37191	5.00	6.18	
12 Pentane	72	2.351	2.351	0.000	97	8983	10.0	11.9	
15 Ethanol	46	2.571	2.571	0.000	98	3758	200.0	261.4	
14 Ethyl ether	59	2.589	2.595	-0.006	95	15128	5.00	5.69	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	95	19775	5.00	5.85	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.650	2.656	-0.006	89	18810	5.00	5.49	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	95	29983	5.00	5.28	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	94	23846	5.00	5.99	
19 Acrolein	56	2.784	2.784	0.000	95	78065	200.0	220.6	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	97	21427	5.00	5.81	
22 Acetone	43	2.937	2.937	0.000	89	20964	25.0	27.7	
23 Iodomethane	142	2.979	2.979	0.000	97	25015	5.00	5.02	
24 Carbon disulfide	76	3.010	3.010	0.000	98	71714	5.00	5.52	
25 Isopropyl alcohol	45	3.065	3.065	0.000	98	10802	50.0	61.6	
26 3-Chloro-1-propene	76	3.193	3.199	-0.006	94	11796	5.00	5.42	
28 Cyclopentene	67	3.211	3.211	0.000	94	54144	5.00	5.74	
27 Methyl acetate	43	3.229	3.223	0.006	98	20242	10.0	11.0	
29 Acetonitrile	40	3.284	3.284	0.000	99	8513	50.0	55.9	
30 Methylene Chloride	84	3.351	3.351	0.000	87	22583	5.00	5.61	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.369	0.000	0	203983	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.449	3.455	-0.006	98	17221	50.0	59.2	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	44215	5.00	5.33	
34 trans-1,2-Dichloroethene	96	3.571	3.571	0.000	92	23117	5.00	5.62	
35 Acrylonitrile	53	3.668	3.668	0.000	95	51184	50.0	56.8	
36 Hexane	57	3.760	3.766	-0.006	90	32933	5.00	5.71	
37 Isopropyl ether	45	4.028	4.028	0.000	97	53067	5.00	5.35	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	35909	5.00	5.58	
39 Vinyl acetate	86	4.089	4.089	0.000	100	6038	10.0	10.2	
40 2-Chloro-1,3-butadiene	88	4.101	4.101	0.000	87	19755	5.00	5.59	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	91	44807	5.00	5.17	
43 2,2-Dichloropropane	79	4.644	4.644	0.000	96	7736	5.00	5.30	
* 42 2-Butanone-d5	46	4.650	4.650	0.000	91	202393	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.680	4.680	0.000	98	23369	5.00	5.56	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	100	9043	25.0	27.0	
46 Ethyl acetate	70	4.735	4.735	0.000	99	2991	10.0	10.5	
47 Methyl acrylate	55	4.790	4.790	0.000	100	11488	5.00	5.22	
48 Propionitrile	54	4.875	4.869	0.006	99	20484	50.0	57.5	
50 Tetrahydrofuran	72	4.954	4.955	-0.001	57	3868	10.0	11.1	
49 Chlorobromomethane	128	4.954	4.955	-0.001	76	10622	5.00	5.65	
51 Methacrylonitrile	67	4.997	4.997	0.000	88	61949	50.0	55.8	
52 Chloroform	83	5.034	5.034	0.000	99	34379	5.00	5.70	
53 Cyclohexane	84	5.162	5.162	0.000	88	32790	5.00	5.79	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	99	26796	5.00	5.43	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	97	143806	50.0	51.2	
56 Carbon tetrachloride	117	5.326	5.333	-0.006	96	22631	5.00	5.39	
57 1,1-Dichloropropene	75	5.375	5.375	0.000	98	28142	5.00	5.61	
58 Isobutyl alcohol	43	5.582	5.582	0.000	88	26127	125.0	142.4	
59 Benzene	78	5.613	5.613	0.000	96	80246	5.00	5.58	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.643	5.643	0.000	95	112866	50.0	50.8	
61 Tert-amyl methyl ether	87	5.716	5.717	-0.001	96	12473	5.00	5.05	
62 Isopropyl acetate	43	5.723	5.723	0.000	97	35342	5.00	5.26	
63 1,2-Dichloroethane	62	5.735	5.735	0.000	96	18660	5.00	5.46	
64 n-Heptane	43	5.832	5.832	0.000	89	31127	5.00	5.88	
* 65 Fluorobenzene	96	5.979	5.979	0.000	99	540743	50.0	50.0	
66 n-Butanol	56	6.405	6.405	0.000	85	8458	125.0	126.3	
67 Trichloroethene	95	6.418	6.412	0.006	97	20642	5.00	5.44	
68 Methylcyclohexane	83	6.552	6.552	0.000	90	36654	5.00	5.53	
69 Ethyl acrylate	55	6.594	6.594	0.000	97	15864	5.00	4.76	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	96	18868	5.00	5.51	
* 71 1,4-Dioxane-d8	96	6.844	6.844	0.000	0	22169	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	85	7459	10.0	10.1	
73 1,4-Dioxane	88	6.911	6.911	0.000	92	3853	100.0	119.2	
74 Dibromomethane	93	6.917	6.918	-0.001	98	10165	5.00	5.39	
75 n-Propyl acetate	43	6.960	6.954	0.006	97	16884	5.00	5.19	
76 Dichlorobromomethane	83	7.094	7.094	0.000	99	21788	5.00	5.37	
77 2-Nitropropane	41	7.442	7.442	0.000	96	4277	10.0	10.1	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	95	8055	5.01	5.33	
79 Epichlorohydrin	57	7.545	7.545	0.000	98	25937	100.0	109.3	
80 cis-1,3-Dichloropropene	75	7.600	7.594	0.006	88	25596	5.00	5.28	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	0.000	94	61444	25.0	29.9	
$ 82 Toluene-d8 (Surr)	98	7.814	7.814	0.000	99	499951	50.0	50.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.881	7.881	0.000	93	82409	5.00	5.60	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	98	19841	5.00	5.11	
85 Ethyl methacrylate	69	8.216	8.216	0.000	86	18414	5.00	5.51	
86 1,1,2-Trichloroethane	83	8.356	8.356	0.000	97	13021	5.00	5.58	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	20704	5.00	5.62	
88 1,3-Dichloropropane	76	8.515	8.515	0.000	89	23991	5.00	5.47	
89 2-Hexanone	43	8.570	8.564	0.006	94	42795	25.0	29.9	
90 n-Butyl acetate	73	8.655	8.655	0.000	96	3762	5.00	5.40	
91 Chlorodibromomethane	129	8.692	8.692	0.000	97	15005	5.00	5.19	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	14393	5.00	5.39	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	84	359377	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	53795	5.00	5.83	
95 Ethylbenzene	106	9.265	9.265	0.000	98	28616	5.00	5.80	
96 1,1,1,2-Tetrachloroethane	131	9.277	9.277	0.000	96	16527	5.00	5.70	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	35080	5.00	5.79	
98 n-Butyl acrylate	73	9.673	9.673	0.000	97	9609	5.00	5.07	
99 o-Xylene	106	9.697	9.698	-0.001	94	33248	5.00	5.82	
100 Styrene	104	9.722	9.722	0.000	97	57943	5.00	5.96	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	93	19976	5.00	5.65	
102 Bromoform	173	9.892	9.893	-0.001	98	8904	5.00	5.27	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	89653	5.00	5.96	
$ 104 4-Bromofluorobenzene	174	10.142	10.143	-0.001	0	138593	50.0	48.8	
105 Bromobenzene	156	10.252	10.252	0.000	96	22066	5.00	5.85	
106 1,1,2,2-Tetrachloroethane	83	10.270	10.271	-0.001	98	19716	5.00	5.86	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	108338	5.00	5.96	
108 1,2,3-Trichloropropane	110	10.313	10.313	0.000	97	5464	5.00	6.18	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	83	4627	5.00	6.06	
110 4-Ethyltoluene	105	10.380	10.380	0.000	99	87081	5.00	6.02	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	71497	5.00	6.12	
112 1,3,5-Trimethylbenzene	105	10.429	10.429	0.000	94	74188	5.00	6.10	
113 4-Chlorotoluene	91	10.478	10.478	0.000	96	64771	5.00	6.18	
114 Butyl Methacrylate	87	10.490	10.496	-0.006	87	19561	5.00	5.68	
115 tert-Butylbenzene	119	10.667	10.667	0.000	95	64390	5.00	5.97	
116 1,2,4-Trimethylbenzene	105	10.716	10.716	0.000	96	73205	5.00	6.08	
117 sec-Butylbenzene	105	10.831	10.831	0.000	100	100229	5.00	6.10	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	83237	5.00	6.17	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	96	41997	5.00	6.12	
* 120 1,4-Dichlorobenzene-d4	152	11.002	11.002	0.000	94	177561	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	44652	5.00	6.42	
122 1,2,3-Trimethylbenzene	105	11.026	11.033	-0.007	98	75553	5.00	6.28	
123 Benzyl chloride	126	11.124	11.130	-0.006	99	4408	5.00	4.87	
124 2,3-Dihydroindene	117	11.179	11.179	0.000	94	77707	5.00	6.15	
125 p-Diethylbenzene	119	11.209	11.209	0.000	93	48093	5.00	6.18	
126 n-Butylbenzene	92	11.228	11.228	0.000	97	45700	5.00	6.36	
127 1,2-Dichlorobenzene	146	11.295	11.295	0.000	97	39672	5.00	6.13	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.807	0.006	97	66012	5.00	5.66	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	92	3539	5.00	5.47	
130 1,3,5-Trichlorobenzene	180	12.045	12.045	-0.001	98	30666	5.00	6.00	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	94	26993	5.00	6.03	
132 Hexachlorobutadiene	225	12.746	12.746	0.000	91	12765	5.00	6.03	
133 Naphthalene	128	12.916	12.916	0.000	99	61121	5.00	5.84	
134 1,2,3-Trichlorobenzene	180	13.191	13.191	0.000	96	24535	5.00	5.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		10.0	11.2	
S 136 1,3-Dichloropropene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	11.6	
S 138 Total BTEX	1				0		25.0	28.6	

QC Flag Legend

Processing Flags

Reagents:

ACROLEIN W_00112	Amount Added:	20.00	Units: uL	
GASES Li_00386	Amount Added:	5.00	Units: uL	
524freon_00027	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	5.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Sep-2020 13:06:09 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72379.D

Injection Date: 16-Sep-2020 14:09:30 Instrument ID: CVOAMS4 Operator ID:

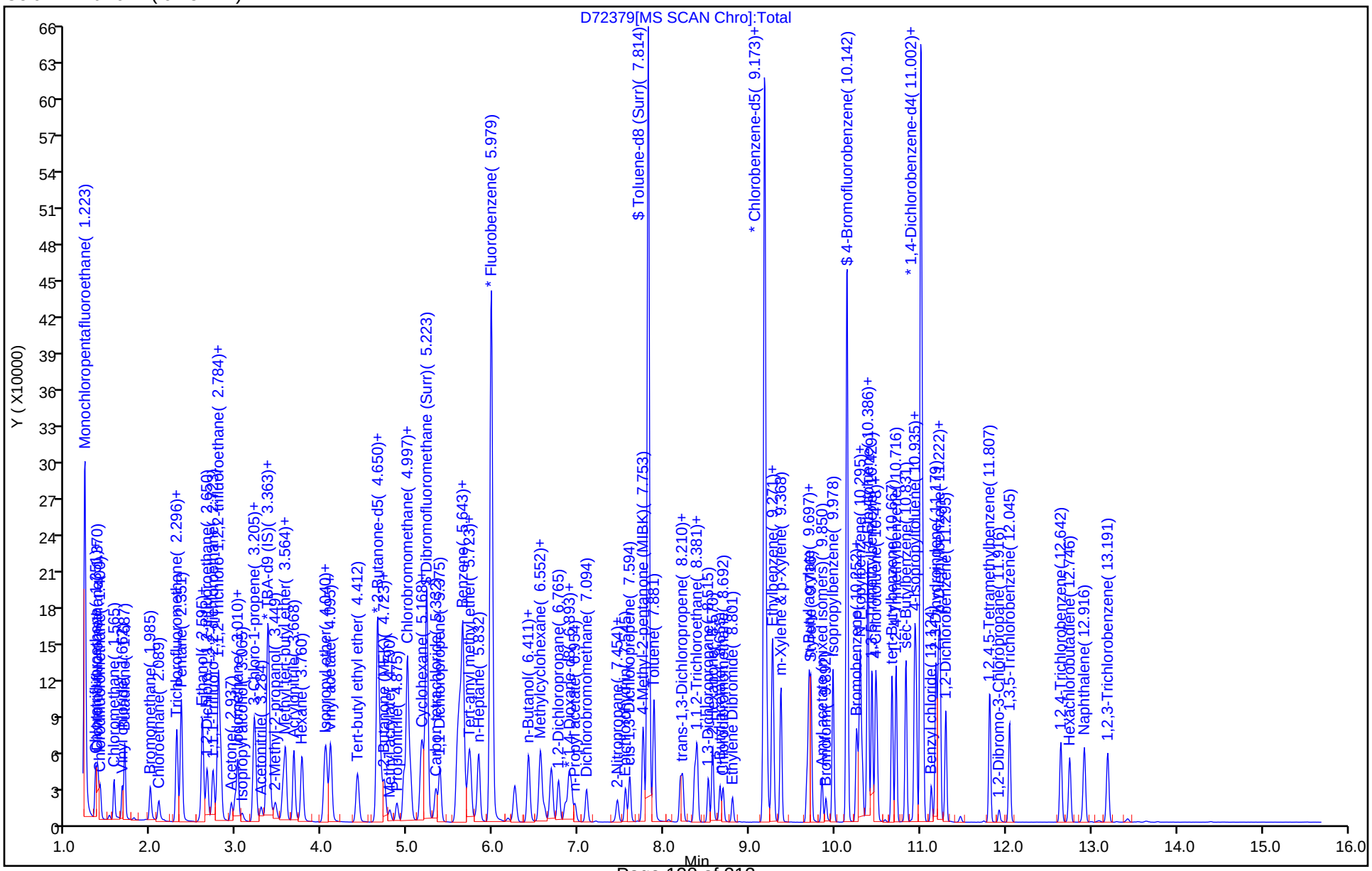
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72380.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 16-Sep-2020 14:37:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0116852-006
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:06:19 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: RT Order ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:45:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	91	12735	20.0	20.1	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	89	45338	20.0	20.5	
3 1,1-Difluoroethane	65	1.358	1.358	0.000	94	53853	20.0	21.1	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	138722	20.0	21.5	
5 Chlorodifluoromethane	51	1.400	1.400	0.000	98	108963	20.0	20.9	
6 Chloromethane	50	1.565	1.565	0.000	99	123494	20.0	21.4	
8 Vinyl chloride	62	1.662	1.662	0.000	98	105983	20.0	21.6	
7 Butadiene	54	1.687	1.687	0.000	96	93025	20.0	21.8	
9 Bromomethane	94	1.986	1.986	0.000	99	56801	20.0	23.0	
10 Chloroethane	64	2.083	2.083	0.000	99	50957	20.0	21.8	
11 Dichlorofluoromethane	67	2.297	2.297	0.000	98	155854	20.0	21.4	
13 Trichlorofluoromethane	101	2.297	2.297	0.000	98	139751	20.0	21.9	
12 Pentane	72	2.351	2.351	0.000	96	33573	40.0	41.9	
15 Ethanol	46	2.571	2.571	0.000	93	12958	800.0	820.7	
14 Ethyl ether	59	2.595	2.595	0.000	89	58652	20.0	20.8	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	94	73684	20.0	20.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	88	77563	20.0	21.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	95	128308	20.0	21.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	99	86912	20.0	20.6	
19 Acrolein	56	2.784	2.784	0.000	95	122429	300.0	313.6	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	96	81190	20.0	20.8	
22 Acetone	43	2.937	2.937	0.000	89	76499	100.0	97.4	
23 Iodomethane	142	2.979	2.979	0.000	97	111531	20.0	21.1	
24 Carbon disulfide	76	3.010	3.010	0.000	98	278689	20.0	20.2	
25 Isopropyl alcohol	45	3.065	3.065	0.000	98	36150	200.0	186.9	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	94	48793	20.0	21.2	
28 Cyclopentene	67	3.211	3.211	0.000	94	204673	20.0	20.5	
27 Methyl acetate	43	3.223	3.223	0.000	98	78958	40.0	40.4	
29 Acetonitrile	40	3.284	3.284	0.000	99	33894	200.0	201.9	
30 Methylene Chloride	84	3.351	3.351	0.000	88	86866	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.369	0.000	0	225026	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	99	59262	200.0	184.6	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	179946	20.0	20.5	
34 trans-1,2-Dichloroethene	96	3.571	3.571	0.000	92	89689	20.0	20.6	
35 Acrylonitrile	53	3.668	3.668	0.000	96	201158	200.0	202.5	
36 Hexane	57	3.766	3.766	0.000	90	129152	20.0	21.1	
37 Isopropyl ether	45	4.028	4.028	0.000	98	218372	20.0	20.8	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	141201	20.0	20.7	
39 Vinyl acetate	86	4.089	4.089	0.000	100	25688	40.0	40.8	
40 2-Chloro-1,3-butadiene	88	4.101	4.101	0.000	87	78295	20.0	20.9	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	90	187612	20.0	20.4	
43 2,2-Dichloropropane	79	4.644	4.644	0.000	95	30633	20.0	19.8	
* 42 2-Butanone-d5	46	4.650	4.650	0.000	93	223641	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.680	4.680	0.000	98	90427	20.0	20.3	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	100	35920	100.0	96.9	
46 Ethyl acetate	70	4.735	4.735	0.000	97	12216	40.0	38.8	
47 Methyl acrylate	55	4.790	4.790	0.000	100	47628	20.0	20.4	
48 Propionitrile	54	4.869	4.869	0.000	99	76464	200.0	194.4	
50 Tetrahydrofuran	72	4.955	4.955	0.000	63	15470	40.0	40.1	
49 Chlorobromomethane	128	4.955	4.955	0.000	83	41071	20.0	20.6	
51 Methacrylonitrile	67	4.997	4.997	0.000	89	241944	200.0	205.7	
52 Chloroform	83	5.034	5.034	0.000	99	131455	20.0	20.6	
53 Cyclohexane	84	5.162	5.162	0.000	88	123788	20.0	20.6	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	98	106529	20.0	20.4	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	97	148999	50.0	50.1	
56 Carbon tetrachloride	117	5.333	5.333	0.000	96	89629	20.0	20.1	
57 1,1-Dichloropropene	75	5.375	5.375	0.000	97	108804	20.0	20.5	
58 Isobutyl alcohol	43	5.582	5.582	0.000	92	98225	500.0	485.3	
59 Benzene	78	5.613	5.613	0.000	95	314406	20.0	20.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.643	5.643	0.000	95	118482	50.0	50.3	
61 Tert-amyl methyl ether	87	5.717	5.717	0.000	95	53198	20.0	20.3	
62 Isopropyl acetate	43	5.723	5.723	0.000	99	142512	20.0	20.0	
63 1,2-Dichloroethane	62	5.735	5.735	0.000	94	73289	20.0	20.2	
64 n-Heptane	43	5.832	5.832	0.000	96	118124	20.0	21.0	
* 65 Fluorobenzene	96	5.979	5.979	0.000	99	573238	50.0	50.0	
66 n-Butanol	56	6.405	6.405	0.000	87	33039	500.0	447.3	
67 Trichloroethene	95	6.412	6.412	0.000	97	80694	20.0	20.1	
68 Methylcyclohexane	83	6.552	6.552	0.000	94	144286	20.0	20.5	
69 Ethyl acrylate	55	6.594	6.594	0.000	96	64576	20.0	18.3	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	95	74209	20.0	20.4	
* 71 1,4-Dioxane-d8	96	6.844	6.844	0.000	0	23220	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	83	31976	40.0	40.9	
73 1,4-Dioxane	88	6.911	6.911	0.000	92	14492	400.0	427.9	
74 Dibromomethane	93	6.918	6.918	0.000	98	40730	20.0	20.4	
75 n-Propyl acetate	43	6.954	6.954	0.000	97	68309	20.0	19.8	
76 Dichlorobromomethane	83	7.094	7.094	0.000	99	85852	20.0	20.0	
77 2-Nitropropane	41	7.442	7.442	0.000	96	15974	40.0	35.6	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	95	32945	20.0	20.6	
79 Epichlorohydrin	57	7.545	7.545	0.000	99	103382	400.0	394.1	
80 cis-1,3-Dichloropropene	75	7.594	7.594	0.000	89	105287	20.0	20.5	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	0.000	94	224654	100.0	98.8	
$ 82 Toluene-d8 (Surr)	98	7.814	7.814	0.000	99	523292	50.0	49.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.881	7.881	0.000	93	313472	20.0	20.1	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	98	83023	20.0	20.2	
85 Ethyl methacrylate	69	8.216	8.216	0.000	86	71219	20.0	20.1	
86 1,1,2-Trichloroethane	83	8.356	8.356	0.000	98	49550	20.0	20.1	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	78701	20.0	20.2	
88 1,3-Dichloropropane	76	8.515	8.515	0.000	90	93913	20.0	20.2	
89 2-Hexanone	43	8.564	8.564	0.000	94	155362	100.0	98.1	
90 n-Butyl acetate	73	8.655	8.655	0.000	97	14210	20.0	19.2	
91 Chlorodibromomethane	129	8.692	8.692	0.000	98	60543	20.0	19.8	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	56959	20.0	20.1	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	380666	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	197707	20.0	20.2	
95 Ethylbenzene	106	9.265	9.265	0.000	98	107584	20.0	20.6	
96 1,1,1,2-Tetrachloroethane	131	9.277	9.277	0.000	97	62071	20.0	20.2	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	129216	20.0	20.1	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	37049	20.0	18.5	
99 o-Xylene	106	9.698	9.698	0.000	94	123569	20.0	20.4	
100 Styrene	104	9.722	9.722	0.000	97	212923	20.0	20.7	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	92	72237	20.0	18.7	
102 Bromoform	173	9.893	9.893	0.000	96	34157	20.0	18.0	
103 Isopropylbenzene	105	9.978	9.978	0.000	95	330287	20.0	20.7	
$ 104 4-Bromofluorobenzene	174	10.143	10.143	0.000	0	148598	50.0	47.9	
105 Bromobenzene	156	10.252	10.252	0.000	96	77859	20.0	18.9	
106 1,1,2,2-Tetrachloroethane	83	10.271	10.271	0.000	99	68856	20.0	18.7	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	390589	20.0	19.7	
108 1,2,3-Trichloropropane	110	10.313	10.313	0.000	96	18841	20.0	19.5	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	85	16402	20.0	19.7	
110 4-Ethyltoluene	105	10.380	10.380	0.000	99	310578	20.0	19.6	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	251023	20.0	19.7	
112 1,3,5-Trimethylbenzene	105	10.429	10.429	0.000	95	267197	20.0	20.1	
113 4-Chlorotoluene	91	10.478	10.478	0.000	96	226702	20.0	19.8	
114 Butyl Methacrylate	87	10.496	10.496	0.000	86	73893	20.0	18.7	
115 tert-Butylbenzene	119	10.667	10.667	0.000	95	232926	20.0	19.8	
116 1,2,4-Trimethylbenzene	105	10.716	10.716	0.000	96	262371	20.0	20.0	
117 sec-Butylbenzene	105	10.831	10.831	0.000	100	357659	20.0	19.9	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	296182	20.0	20.1	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	148724	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	11.002	11.002	0.000	94	193970	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	150830	20.0	19.8	
122 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	97	263356	20.0	20.0	
123 Benzyl chloride	126	11.130	11.130	0.000	99	18303	20.0	16.9	
124 2,3-Dihydroindene	117	11.179	11.179	0.000	92	271842	20.0	20.3	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	168407	20.0	19.8	
126 n-Butylbenzene	92	11.228	11.228	0.000	97	160457	20.0	20.4	
127 1,2-Dichlorobenzene	146	11.295	11.295	0.000	97	138601	20.0	19.6	
128 1,2,4,5-Tetramethylbenzene	119	11.807	11.807	0.000	98	242441	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	92	13083	20.0	18.5	
130 1,3,5-Trichlorobenzene	180	12.045	12.045	0.000	98	105180	20.0	18.8	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	94	91678	20.0	18.7	
132 Hexachlorobutadiene	225	12.746	12.746	0.000	91	43528	20.0	18.8	
133 Naphthalene	128	12.916	12.916	0.000	100	211534	20.0	18.5	
134 1,2,3-Trichlorobenzene	180	13.191	13.191	0.000	96	83708	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	40.9	
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.7	
S 137 Xylenes, Total	100				0		40.0	40.6	
S 138 Total BTEX	1				0		100.0	101.9	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00125	Amount Added:	2.00	Units: uL	
ACROLEIN W_00112	Amount Added:	3.00	Units: uL	
GASES Li_00386	Amount Added:	2.00	Units: uL	
524freon_00027	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Sep-2020 13:06:20 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72380.D

Injection Date: 16-Sep-2020 14:37:30 Instrument ID: CVOAMS4 Operator ID:

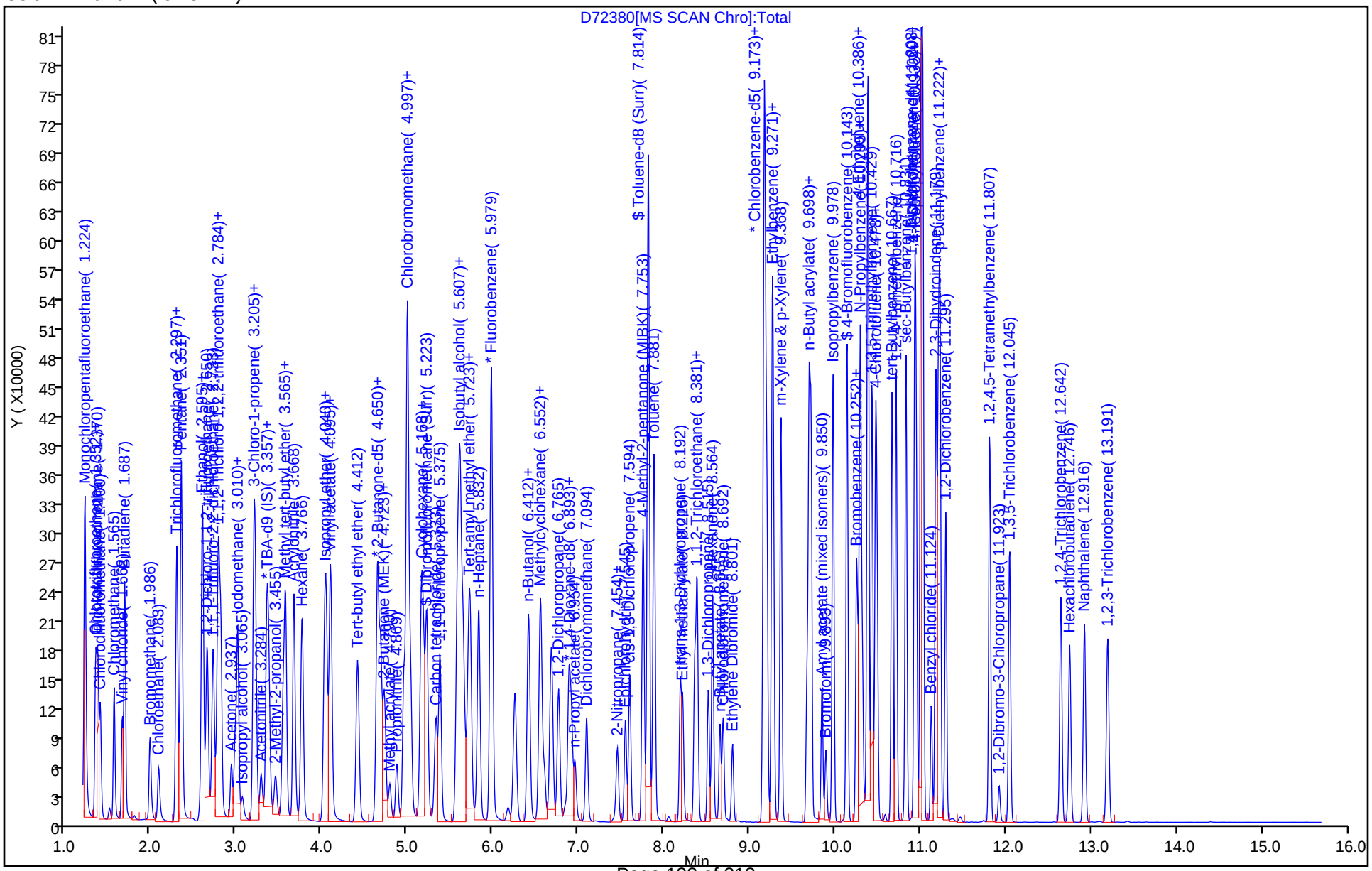
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72381.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 16-Sep-2020 15:05:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0116852-007
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:06:31 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:46:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	95	31929	50.0	48.8	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	89	112867	50.0	49.2	
3 1,1-Difluoroethane	65	1.358	1.358	0.000	96	133712	50.0	50.6	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	98	356211	50.0	53.4	
5 Chlorodifluoromethane	51	1.400	1.400	0.000	97	273857	50.0	50.7	
6 Chloromethane	50	1.565	1.565	0.000	99	308679	50.0	51.7	
8 Vinyl chloride	62	1.662	1.662	0.000	98	272197	50.0	53.5	
7 Butadiene	54	1.687	1.687	0.000	96	237946	50.0	53.9	
9 Bromomethane	94	1.979	1.986	-0.007	99	87440	50.0	34.6	M
10 Chloroethane	64	2.077	2.083	-0.006	99	114663	50.0	47.3	
11 Dichlorofluoromethane	67	2.296	2.297	0.000	99	382261	50.0	50.8	
13 Trichlorofluoromethane	101	2.290	2.297	-0.006	98	346670	50.0	52.5	
12 Pentane	72	2.345	2.351	-0.006	96	85614	100.0	103.3	
15 Ethanol	46	2.577	2.571	0.006	96	32181	2000.0	1996.9	
14 Ethyl ether	59	2.595	2.595	0.000	87	146096	50.0	50.1	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	95	190996	50.0	51.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.650	2.656	-0.006	89	190743	50.0	50.8	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	95	324940	50.0	52.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	99	226776	50.0	52.0	
19 Acrolein	56	2.790	2.784	0.006	95	161573	400.0	401.6	
21 1,1-Dichloroethene	96	2.809	2.815	-0.006	96	208283	50.0	51.5	
22 Acetone	43	2.937	2.937	0.000	89	189651	250.0	237.5	
23 Iodomethane	142	2.979	2.979	0.000	97	305959	50.0	55.9	
24 Carbon disulfide	76	3.010	3.010	0.000	98	734969	50.0	51.5	
25 Isopropyl alcohol	45	3.071	3.065	0.006	98	92950	500.0	466.2	
26 3-Chloro-1-propene	76	3.193	3.199	-0.006	94	125944	50.0	52.8	
28 Cyclopentene	67	3.211	3.211	0.000	94	536350	50.0	51.8	
27 Methyl acetate	43	3.229	3.223	0.006	98	202110	100.0	99.9	
29 Acetonitrile	40	3.284	3.284	0.000	99	94154	500.0	544.3	
30 Methylene Chloride	84	3.351	3.351	0.000	87	215997	50.0	48.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.376	3.369	0.007	0	231894	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	100	155074	500.0	468.8	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	461884	50.0	50.8	
34 trans-1,2-Dichloroethene	96	3.571	3.571	0.000	92	227809	50.0	50.5	
35 Acrylonitrile	53	3.668	3.668	0.000	95	515687	500.0	503.8	
36 Hexane	57	3.766	3.766	0.000	89	345329	50.0	54.6	
37 Isopropyl ether	45	4.028	4.028	0.000	97	562113	50.0	51.7	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	359567	50.0	51.0	
39 Vinyl acetate	86	4.089	4.089	0.000	99	67579	100.0	103.8	
40 2-Chloro-1,3-butadiene	88	4.101	4.101	0.000	87	203310	50.0	52.5	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	90	494847	50.0	52.0	
43 2,2-Dichloropropane	79	4.644	4.644	0.000	95	81370	50.0	50.8	
* 42 2-Butanone-d5	46	4.650	4.650	0.000	96	230961	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.680	4.680	0.000	97	232816	50.0	50.5	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	100	92811	250.0	242.5	
46 Ethyl acetate	70	4.735	4.735	0.000	97	33597	100.0	103.4	
47 Methyl acrylate	55	4.790	4.790	0.000	100	123172	50.0	51.0	
48 Propionitrile	54	4.875	4.869	0.006	99	198334	500.0	488.3	
50 Tetrahydrofuran	72	4.954	4.955	-0.001	60	39603	100.0	99.3	
49 Chlorobromomethane	128	4.954	4.955	-0.001	80	102891	50.0	49.9	
51 Methacrylonitrile	67	4.997	4.997	0.000	88	629129	500.0	517.1	
52 Chloroform	83	5.034	5.034	0.000	100	337076	50.0	51.0	
53 Cyclohexane	84	5.162	5.162	0.000	88	329049	50.0	53.0	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	98	288513	50.0	53.3	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	97	151944	50.0	49.3	
56 Carbon tetrachloride	117	5.332	5.333	0.000	98	246157	50.0	53.5	
57 1,1-Dichloropropene	75	5.375	5.375	0.000	97	291156	50.0	52.9	
58 Isobutyl alcohol	43	5.582	5.582	0.000	91	272745	1250.0	1307.8	
59 Benzene	78	5.613	5.613	0.000	95	818263	50.0	52.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.643	5.643	0.000	95	115929	50.0	47.6	
61 Tert-amyl methyl ether	87	5.717	5.717	0.000	92	143527	50.0	53.0	
62 Isopropyl acetate	43	5.723	5.723	0.000	99	390611	50.0	53.0	
63 1,2-Dichloroethane	62	5.735	5.735	0.000	94	186882	50.0	49.9	
64 n-Heptane	43	5.832	5.832	0.000	88	311442	50.0	53.6	
* 65 Fluorobenzene	96	5.979	5.979	0.000	99	592983	50.0	50.0	
66 n-Butanol	56	6.405	6.405	0.000	85	98294	1250.0	1291.2	
67 Trichloroethene	95	6.418	6.412	0.006	98	212976	50.0	51.2	
68 Methylcyclohexane	83	6.552	6.552	0.000	94	393523	50.0	54.1	
69 Ethyl acrylate	55	6.594	6.594	0.000	96	207304	50.0	56.7	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	95	192956	50.0	51.4	
* 71 1,4-Dioxane-d8	96	6.850	6.844	0.006	0	24804	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	92	85524	100.0	105.7	
73 1,4-Dioxane	88	6.911	6.911	0.000	92	37919	1000.0	1048.1	
74 Dibromomethane	93	6.918	6.918	0.000	98	105012	50.0	50.8	
75 n-Propyl acetate	43	6.960	6.954	0.006	97	184734	50.0	51.8	
76 Dichlorobromomethane	83	7.094	7.094	0.000	99	226483	50.0	50.9	
77 2-Nitropropane	41	7.442	7.442	0.000	96	43444	100.0	93.5	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	94	88287	50.1	53.3	
79 Epichlorohydrin	57	7.545	7.545	0.000	98	276244	1000.0	1019.7	
80 cis-1,3-Dichloropropene	75	7.600	7.594	0.006	87	282714	50.0	53.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	0.000	94	588859	250.0	250.8	
$ 82 Toluene-d8 (Surr)	98	7.814	7.814	0.000	99	533673	50.0	49.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.881	7.881	0.000	95	825158	50.0	51.6	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	98	225708	50.0	53.4	
85 Ethyl methacrylate	69	8.216	8.216	0.000	86	188524	50.0	51.5	
86 1,1,2-Trichloroethane	83	8.356	8.356	0.000	98	129696	50.0	51.1	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	212705	50.0	53.1	
88 1,3-Dichloropropane	76	8.515	8.515	0.000	88	243667	50.0	51.1	
89 2-Hexanone	43	8.564	8.564	0.000	94	415276	250.0	254.0	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	38395	50.0	50.7	
91 Chlorodibromomethane	129	8.692	8.692	0.000	98	162884	50.0	51.8	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	149530	50.0	51.5	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	390764	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	97	512158	50.0	51.1	
95 Ethylbenzene	106	9.265	9.265	0.000	97	285307	50.0	53.1	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.277	0.006	97	169367	50.0	53.7	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	350638	50.0	53.2	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	103046	50.0	50.0	
99 o-Xylene	106	9.697	9.698	-0.001	94	327627	50.0	52.7	
100 Styrene	104	9.722	9.722	0.000	97	562105	50.0	53.2	
101 Amyl acetate (mixed isomers)	43	9.844	9.850	-0.006	91	195948	50.0	49.6	
102 Bromoform	173	9.893	9.893	0.000	97	96351	50.0	48.7	
103 Isopropylbenzene	105	9.978	9.978	0.000	95	891077	50.0	54.5	
$ 104 4-Bromofluorobenzene	174	10.142	10.143	-0.001	0	151988	50.0	47.9	
105 Bromobenzene	156	10.252	10.252	0.000	95	205579	50.0	48.8	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.271	0.006	99	183977	50.0	49.0	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	1061108	50.0	52.4	
108 1,2,3-Trichloropropane	110	10.313	10.313	0.000	96	49959	50.0	50.7	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	87	43913	50.0	51.5	
110 4-Ethyltoluene	105	10.380	10.380	0.000	98	835114	50.0	51.7	
111 2-Chlorotoluene	91	10.386	10.386	0.000	96	675094	50.0	51.8	
112 1,3,5-Trimethylbenzene	105	10.429	10.429	0.000	94	711867	50.0	52.5	
113 4-Chlorotoluene	91	10.478	10.478	0.000	96	604414	50.0	51.7	
114 Butyl Methacrylate	87	10.490	10.496	-0.006	84	204080	50.0	49.9	
115 tert-Butylbenzene	119	10.667	10.667	0.000	95	635189	50.0	52.8	
116 1,2,4-Trimethylbenzene	105	10.716	10.716	0.000	97	696827	50.0	51.9	
117 sec-Butylbenzene	105	10.831	10.831	0.000	100	981058	50.0	53.5	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	801654	50.0	53.2	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	98	395748	50.0	51.7	
* 120 1,4-Dichlorobenzene-d4	152	11.002	11.002	0.000	94	198117	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	95	394492	50.0	50.8	
122 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	97	695857	50.0	51.8	
123 Benzyl chloride	126	11.130	11.130	0.000	99	54685	50.0	48.3	
124 2,3-Dihydroindene	117	11.179	11.179	0.000	94	728727	50.0	52.6	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	454979	50.0	52.4	
126 n-Butylbenzene	92	11.228	11.228	0.000	97	436312	50.0	54.4	
127 1,2-Dichlorobenzene	146	11.295	11.295	0.000	97	362985	50.0	50.3	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.807	0.006	97	662798	50.0	50.9	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	92	36057	50.0	50.0	
130 1,3,5-Trichlorobenzene	180	12.045	12.045	0.000	98	277737	50.0	48.7	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	94	236209	50.0	47.3	
132 Hexachlorobutadiene	225	12.746	12.746	0.000	91	119945	50.0	50.8	
133 Naphthalene	128	12.916	12.916	0.000	100	562739	50.0	48.2	
134 1,2,3-Trichlorobenzene	180	13.191	13.191	0.000	96	218309	50.0	47.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		100.0	101.1	
S 136 1,3-Dichloropropene, Total	100				0		100.0	107.0	
S 137 Xylenes, Total	100				0		100.0	106.0	
S 138 Total BTEX	1				0		250.0	263.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

GASES Li_00386	Amount Added:	5.00	Units: uL		
ACROLEIN W_00112	Amount Added:	4.00	Units: uL		
524freon_00027	Amount Added:	5.00	Units: uL		
8260MIX1COMB_00125	Amount Added:	5.00	Units: uL		
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent	
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent	

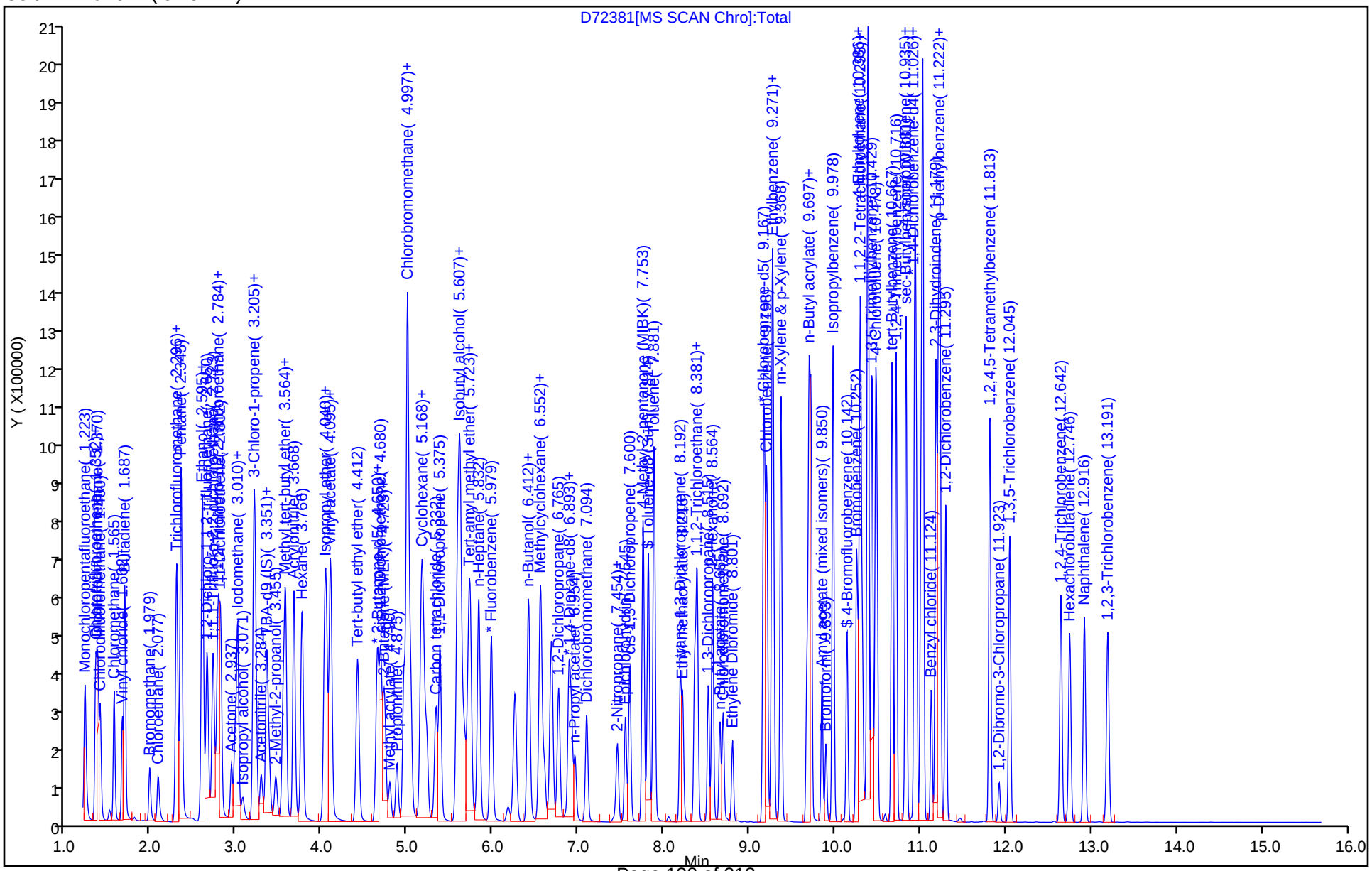
Report Date: 17-Sep-2020 13:06:33 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72381.D

Injection Date:	16-Sep-2020 15:05:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD50			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

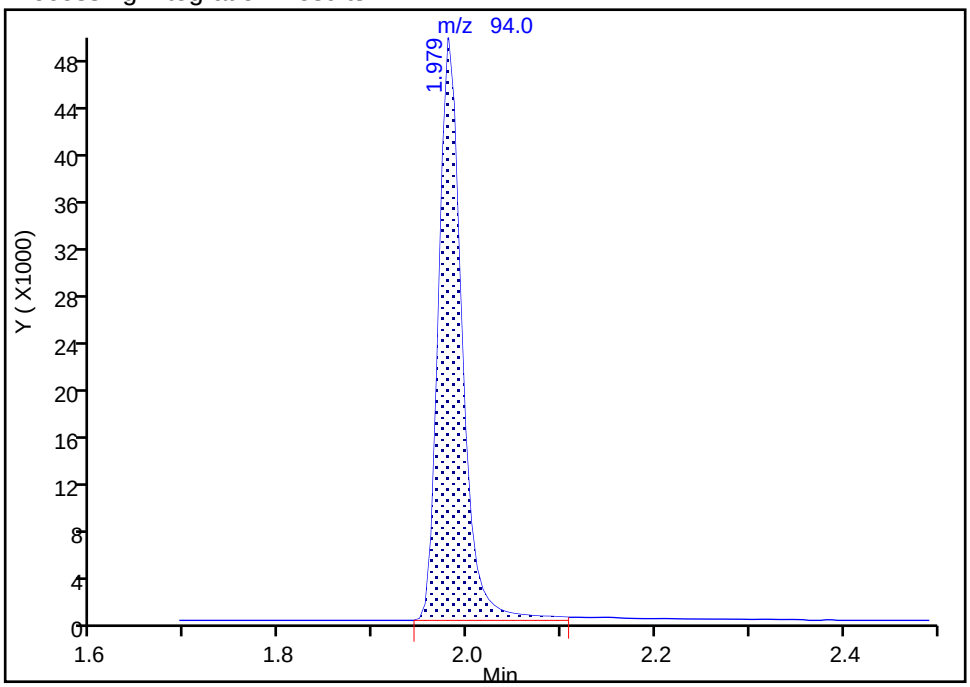
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72381.D
Injection Date: 16-Sep-2020 15:05:30 Instrument ID: CVOAMS4
Lims ID: STD50
Client ID:
Operator ID: ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

9 Bromomethane, CAS: 74-83-9

Signal: 1

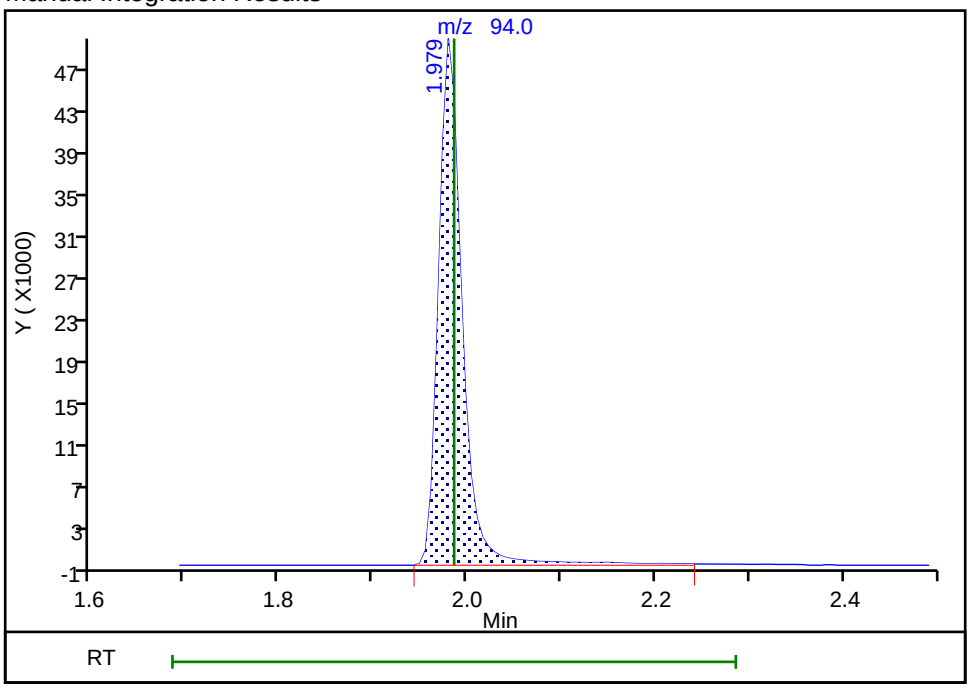
Processing Integration Results

RT: 1.98
Area: 85877
Amount: 34.029837
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 87440
Amount: 34.614162
Amount Units: ug/l



Reviewer: delpolitov, 17-Sep-2020 12:47:05
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72382.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 16-Sep-2020 15:33:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0116852-008
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:06:44 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:47:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.235	1.236	-0.001	91	149573	200.0	209.8	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	92	465317	200.0	186.3	
3 1,1-Difluoroethane	65	1.357	1.358	-0.001	95	515064	200.0	178.8	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	1381111	200.0	190.1	
5 Chlorodifluoromethane	51	1.406	1.400	0.006	99	1052847	200.0	178.8	
6 Chloromethane	50	1.565	1.565	0.000	99	1215837	200.0	186.9	
8 Vinyl chloride	62	1.662	1.662	0.000	98	1076999	200.0	194.4	
7 Butadiene	54	1.693	1.687	0.006	96	929163	200.0	193.0	
9 Bromomethane	94	1.985	1.986	-0.001	99	477189	200.0	207.6	
10 Chloroethane	64	2.083	2.083	0.000	100	489088	200.0	185.4	
11 Dichlorofluoromethane	67	2.302	2.297	0.006	98	1559740	200.0	190.4	
13 Trichlorofluoromethane	101	2.296	2.297	0.000	98	1358661	200.0	188.8	
12 Pentane	72	2.351	2.351	0.000	96	369425	400.0	409.2	
15 Ethanol	46	2.577	2.571	0.006	98	143066	8000.0	7994.7	
14 Ethyl ether	59	2.595	2.595	0.000	91	607199	200.0	191.3	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	95	812146	200.0	201.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	92	728545	200.0	178.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	95	1242753	200.0	183.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	99	934519	200.0	196.6	
19 Acrolein	56	2.790	2.784	0.006	94	215872	500.0	459.4	
21 1,1-Dichloroethene	96	2.814	2.815	-0.001	96	866991	200.0	196.7	
22 Acetone	43	2.936	2.937	-0.001	89	826579	1000.0	975.2	
23 Iodomethane	142	2.985	2.979	0.006	97	1359050	200.0	228.1	
24 Carbon disulfide	76	3.010	3.010	0.000	98	3172878	200.0	204.3	
25 Isopropyl alcohol	45	3.070	3.065	0.005	99	426112	2000.0	1829.7	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	93	531578	200.0	204.5	
28 Cyclopentene	67	3.211	3.211	0.000	93	2304549	200.0	204.3	
27 Methyl acetate	43	3.229	3.223	0.006	98	842939	400.0	382.6	
29 Acetonitrile	40	3.284	3.284	0.000	99	388731	2000.0	1924.0	
30 Methylene Chloride	84	3.351	3.351	0.000	87	907736	200.0	188.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.375	3.369	0.006	0	270866	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	100	707337	2000.0	1830.6	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	1993516	200.0	201.2	
34 trans-1,2-Dichloroethene	96	3.570	3.571	-0.001	92	962555	200.0	196.0	
35 Acrylonitrile	53	3.674	3.668	0.006	95	2175778	2000.0	1819.6	
36 Hexane	57	3.765	3.766	-0.001	90	1380144	200.0	200.3	
37 Isopropyl ether	45	4.034	4.028	0.006	97	2411293	200.0	203.6	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	1487456	200.0	193.5	
39 Vinyl acetate	86	4.089	4.089	0.000	99	312034	400.0	440.0	
40 2-Chloro-1,3-butadiene	88	4.107	4.101	0.006	87	876732	200.0	207.7	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	90	2174093	200.0	209.9	
43 2,2-Dichloropropane	79	4.643	4.644	-0.001	93	347929	200.0	199.3	
* 42 2-Butanone-d5	46	4.649	4.650	-0.001	98	247061	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.680	0.006	98	973371	200.0	193.9	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	99	413209	1000.0	1009.1	
46 Ethyl acetate	70	4.735	4.735	0.000	99	147208	400.0	423.6	
47 Methyl acrylate	55	4.790	4.790	0.000	100	555497	200.0	211.2	
48 Propionitrile	54	4.875	4.869	0.006	99	854598	2000.0	1966.9	
50 Tetrahydrofuran	72	4.954	4.955	-0.001	92	172355	400.0	404.0	
49 Chlorobromomethane	128	4.960	4.955	0.005	82	428482	200.0	190.9	
51 Methacrylonitrile	67	5.003	4.997	0.006	88	2715507	2000.0	2048.6	
52 Chloroform	83	5.034	5.034	0.000	100	1395892	200.0	193.7	
53 Cyclohexane	84	5.162	5.162	0.000	87	1340042	200.0	198.0	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	98	1190153	200.0	201.9	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	-0.001	98	168703	50.0	50.3	
56 Carbon tetrachloride	117	5.332	5.333	0.000	97	1037300	200.0	206.8	
57 1,1-Dichloropropene	75	5.381	5.375	0.006	98	1187147	200.0	198.0	
58 Isobutyl alcohol	43	5.588	5.582	0.006	91	1235118	5000.0	5070.0	
59 Benzene	78	5.619	5.613	0.006	95	3411992	200.0	201.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.643	0.006	94	135245	50.0	50.9	
61 Tert-amyl methyl ether	87	5.722	5.717	0.005	92	659492	200.0	223.4	
62 Isopropyl acetate	43	5.729	5.723	0.005	99	1746414	200.0	217.6	
63 1,2-Dichloroethane	62	5.741	5.735	0.006	94	774855	200.0	189.8	
64 n-Heptane	43	5.832	5.832	0.000	88	1228539	200.0	194.2	
* 65 Fluorobenzene	96	5.978	5.979	-0.001	100	646050	50.0	50.0	
66 n-Butanol	56	6.405	6.405	0.000	84	495989	5000.0	5578.1	
67 Trichloroethene	95	6.417	6.412	0.005	98	898692	200.0	198.2	
68 Methylcyclohexane	83	6.558	6.552	0.006	93	1608505	200.0	203.0	
69 Ethyl acrylate	55	6.600	6.594	0.006	98	965723	200.0	242.5	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	95	813322	200.0	198.8	
* 71 1,4-Dioxane-d8	96	6.850	6.844	0.006	0	30347	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	83	390351	400.0	442.7	
73 1,4-Dioxane	88	6.911	6.911	0.000	95	162280	4000.0	3666.3	
74 Dibromomethane	93	6.917	6.918	-0.001	98	448566	200.0	199.2	
75 n-Propyl acetate	43	6.960	6.954	0.006	97	831571	200.0	213.8	
76 Dichlorobromomethane	83	7.094	7.094	0.000	99	1000006	200.0	206.4	
77 2-Nitropropane	41	7.442	7.442	0.000	96	213734	400.0	422.3	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	94	385410	200.5	213.6	
79 Epichlorohydrin	57	7.551	7.545	0.006	99	1204960	4000.0	4158.1	
80 cis-1,3-Dichloropropene	75	7.600	7.594	0.006	88	1221712	200.0	213.6	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	-0.001	93	2573511	1000.0	1024.7	
$ 82 Toluene-d8 (Surr)	98	7.820	7.814	0.006	98	596669	50.0	50.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.881	0.006	93	3438364	200.0	198.1	
84 trans-1,3-Dichloropropene	75	8.191	8.192	-0.001	93	1000694	200.0	218.3	
85 Ethyl methacrylate	69	8.216	8.216	0.000	85	831850	200.0	208.4	
86 1,1,2-Trichloroethane	83	8.362	8.356	0.006	98	560029	200.0	203.5	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	890500	200.0	204.9	
88 1,3-Dichloropropane	76	8.521	8.515	0.006	88	1039041	200.0	200.9	
89 2-Hexanone	43	8.569	8.564	0.005	93	1808558	1000.0	1034.1	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	176380	200.0	214.5	
91 Chlorodibromomethane	129	8.691	8.692	-0.001	98	750557	200.0	220.0	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	656942	200.0	208.5	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	87	423974	50.0	50.0	
94 Chlorobenzene	112	9.203	9.204	-0.001	96	2135957	200.0	196.3	
95 Ethylbenzene	106	9.271	9.265	0.005	97	1176629	200.0	202.0	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.277	0.006	98	728742	200.0	213.1	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	1455298	200.0	203.7	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	486168	200.0	217.5	
99 o-Xylene	106	9.697	9.698	-0.001	94	1360786	200.0	201.8	
100 Styrene	104	9.722	9.722	0.000	97	2300315	200.0	200.5	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	884749	200.0	213.1	
102 Bromoform	173	9.892	9.893	-0.001	97	456596	200.0	211.5	
103 Isopropylbenzene	105	9.978	9.978	0.000	95	3585116	200.0	202.0	
$ 104 4-Bromofluorobenzene	174	10.142	10.143	-0.001	0	171131	50.0	51.3	
105 Bromobenzene	156	10.252	10.252	0.000	96	858854	200.0	194.0	
106 1,1,2,2-Tetrachloroethane	83	10.276	10.271	0.005	99	815292	200.0	206.6	
107 N-Propylbenzene	91	10.295	10.295	0.000	99	4302722	200.0	201.9	
108 1,2,3-Trichloropropane	110	10.319	10.313	0.006	96	216488	200.0	208.9	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	86	184471	200.0	205.9	
110 4-Ethyltoluene	105	10.386	10.380	0.006	98	3546688	200.0	208.8	
111 2-Chlorotoluene	91	10.386	10.386	0.000	95	2711649	200.0	197.8	
112 1,3,5-Trimethylbenzene	105	10.435	10.429	0.006	93	2749223	200.0	192.8	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	2425101	200.0	197.1	
114 Butyl Methacrylate	87	10.496	10.496	0.000	83	888844	200.0	205.6	
115 tert-Butylbenzene	119	10.667	10.667	0.000	95	2531964	200.0	200.1	
116 1,2,4-Trimethylbenzene	105	10.715	10.716	-0.001	97	2766160	200.0	195.8	
117 sec-Butylbenzene	105	10.831	10.831	0.000	99	3835872	200.0	198.9	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	98	3112594	200.0	196.6	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	1587522	200.0	197.2	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.002	0.006	88	208319	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	96	1547446	200.0	189.5	
122 1,2,3-Trimethylbenzene	105	11.032	11.033	-0.001	98	2751206	200.0	194.8	
123 Benzyl chloride	126	11.130	11.130	0.000	99	263071	200.0	218.9	
124 2,3-Dihydroindene	117	11.185	11.179	0.006	94	2999686	200.0	198.6	
125 p-Diethylbenzene	119	11.209	11.209	0.000	94	1805333	200.0	197.9	
126 n-Butylbenzene	92	11.227	11.228	-0.001	97	1580298	200.0	187.5	
127 1,2-Dichlorobenzene	146	11.301	11.295	0.006	98	1482831	200.0	195.4	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.807	0.006	97	2833980	200.0	207.0	
129 1,2-Dibromo-3-Chloropropane	157	11.922	11.923	-0.001	91	160395	200.0	211.4	
130 1,3,5-Trichlorobenzene	180	12.044	12.045	-0.001	98	1142865	200.0	190.7	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	94	956381	200.0	182.1	
132 Hexachlorobutadiene	225	12.745	12.746	-0.001	91	458805	200.0	184.8	
133 Naphthalene	128	12.916	12.916	0.000	100	2382353	200.0	193.9	
134 1,2,3-Trichlorobenzene	180	13.190	13.191	-0.001	96	891177	200.0	184.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		400.0	389.9	
S 136 1,3-Dichloropropene, Total	100				0		400.0	431.9	
S 137 Xylenes, Total	100				0		400.0	405.5	
S 138 Total BTEX	1				0		1000.0	1006.7	

QC Flag Legend

Processing Flags

Reagents:

GAS Hi_00371	Amount Added:	2.00	Units: uL	
ACROLEIN W_00112	Amount Added:	5.00	Units: uL	
8FreonHi_00023	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	20.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

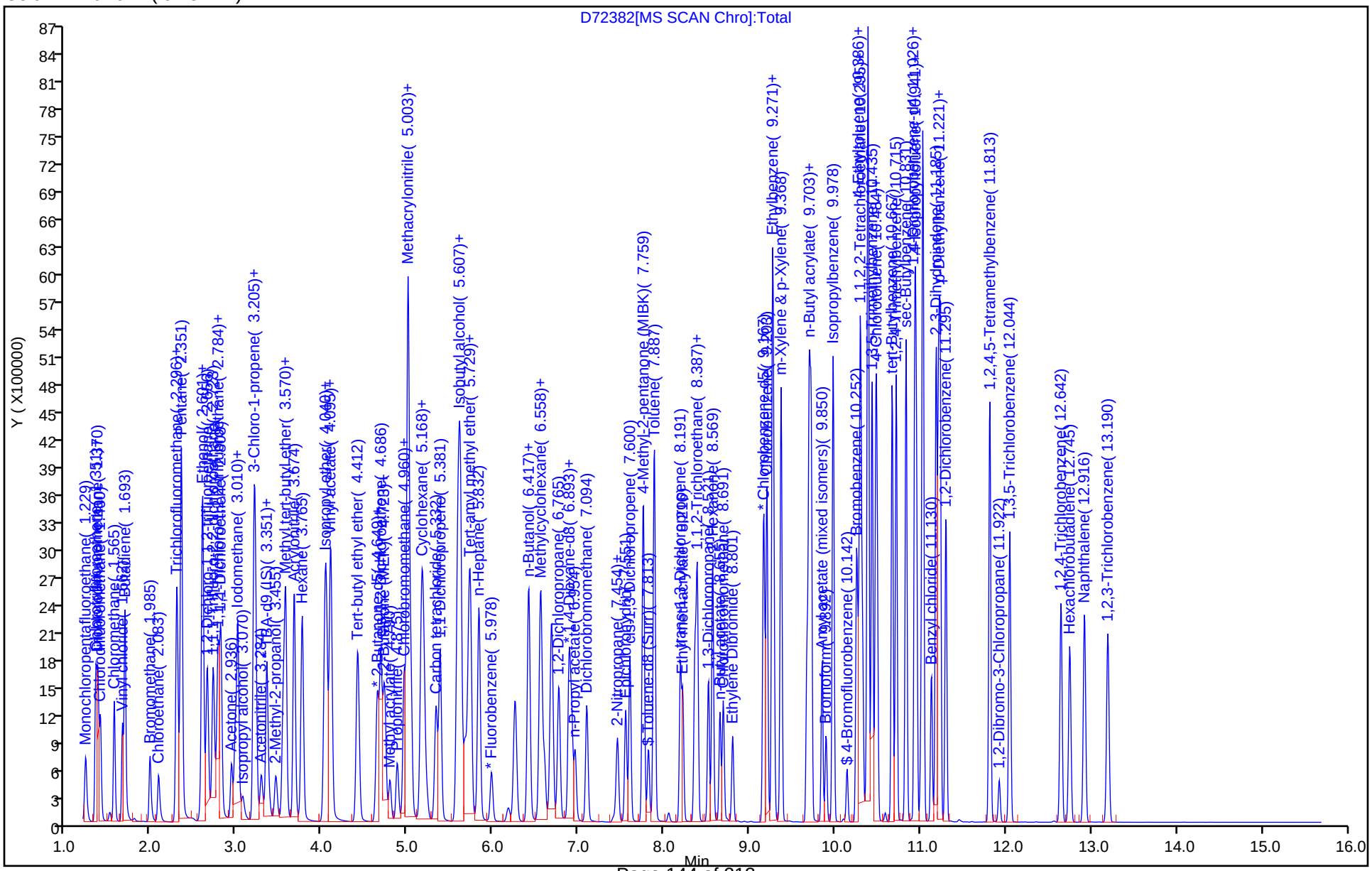
Report Date: 17-Sep-2020 13:06:46 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72382.D

Injection Date:	16-Sep-2020 15:33:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD200			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 16-Sep-2020 16:01:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0116852-009
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:06:57 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: baronm Date: 16-Sep-2020 17:51:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	91	434494	500.0	562.0	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	92	1330427	500.0	491.5	
3 1,1-Difluoroethane	65	1.358	1.358	0.000	95	1458881	500.0	467.1	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	99	3684830	500.0	468.0	
5 Chlorodifluoromethane	51	1.406	1.400	0.006	97	2964401	500.0	464.5	
6 Chloromethane	50	1.565	1.565	0.000	99	3234307	500.0	458.7	
8 Vinyl chloride	62	1.662	1.662	0.000	98	2839436	500.0	472.8	
7 Butadiene	54	1.693	1.687	0.006	96	2469724	500.0	473.3	
9 Bromomethane	94	1.979	1.986	-0.007	99	828331	500.0	492.6	
10 Chloroethane	64	2.077	2.083	-0.006	99	1051641	500.0	367.7	
11 Dichlorofluoromethane	67	2.296	2.297	0.000	98	3847006	500.0	433.3	
13 Trichlorofluoromethane	101	2.290	2.297	-0.006	100	3405428	500.0	436.6	
12 Pentane	72	2.345	2.351	-0.006	95	894650	1000.0	914.1	
15 Ethanol	46	2.583	2.571	0.012	96	339974	20000	20001	
14 Ethyl ether	59	2.595	2.595	0.000	96	1519999	500.0	441.8	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	96	2035204	500.0	465.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	87	1924334	500.0	434.0	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	96	3391117	500.0	460.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.778	2.778	0.000	98	2457181	500.0	476.8	
19 Acrolein	56	2.790	2.784	0.006	96	250417	600.0	502.7	
21 1,1-Dichloroethene	96	2.815	2.815	0.000	98	2185006	500.0	457.2	
22 Acetone	43	2.943	2.937	0.006	89	2249641	2500.0	2525.7	
23 Iodomethane	142	2.979	2.979	0.000	98	3197779	500.0	495.0	
24 Carbon disulfide	76	3.010	3.010	0.000	98	8060067	500.0	478.6	
25 Isopropyl alcohol	45	3.083	3.065	0.018	99	1090291	5000.0	4417.0	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	93	1359828	500.0	482.7	
28 Cyclopentene	67	3.211	3.211	0.000	94	5758124	500.0	470.9	
27 Methyl acetate	43	3.229	3.223	0.006	98	2130746	1000.0	892.1	
29 Acetonitrile	40	3.290	3.284	0.006	99	956552	5000.0	4466.6	
30 Methylene Chloride	84	3.351	3.351	0.000	86	2388751	500.0	458.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.388	3.369	0.019	0	287099	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.467	3.455	0.012	99	1873045	5000.0	4573.4	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	97	5304588	500.0	493.9	
34 trans-1,2-Dichloroethene	96	3.577	3.571	0.006	92	2496017	500.0	468.9	
35 Acrylonitrile	53	3.674	3.668	0.006	94	5513405	5000.0	4350.3	
36 Hexane	57	3.766	3.766	0.000	90	3675688	500.0	492.2	
37 Isopropyl ether	45	4.034	4.028	0.006	95	6143477	500.0	478.5	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	3762458	500.0	451.5	
39 Vinyl acetate	86	4.095	4.089	0.006	99	805539	1000.0	1047.9	
40 2-Chloro-1,3-butadiene	88	4.107	4.101	0.006	88	2227484	500.0	486.7	
41 Tert-butyl ethyl ether	59	4.418	4.412	0.006	90	5724055	500.0	509.7	
43 2,2-Dichloropropane	79	4.644	4.644	0.000	93	974347	500.0	514.9	
* 42 2-Butanone-d5	46	4.656	4.650	0.006	98	260044	250.0	250.0	a
44 cis-1,2-Dichloroethene	96	4.686	4.680	0.006	96	2619051	500.0	481.2	
45 2-Butanone (MEK)	72	4.723	4.717	0.006	100	1076157	2500.0	2497.0	
46 Ethyl acetate	70	4.741	4.735	0.006	98	382356	1000.0	1045.4	
47 Methyl acrylate	55	4.796	4.790	0.006	100	1451303	500.0	509.0	
48 Propionitrile	54	4.887	4.869	0.018	99	2186229	5000.0	4780.4	
50 Tetrahydrofuran	72	4.961	4.955	0.006	92	454531	1000.0	1012.1	
49 Chlorobromomethane	128	4.961	4.955	0.006	82	1132567	500.0	465.4	
51 Methacrylonitrile	67	5.015	4.997	0.018	88	6359504	5000.0	4425.5	
52 Chloroform	83	5.046	5.034	0.012	100	3509494	500.0	449.2	
53 Cyclohexane	84	5.162	5.162	0.000	87	3545024	500.0	483.2	
54 1,1,1-Trichloroethane	97	5.192	5.186	0.006	98	3128750	500.0	489.6	
$ 55 Dibromofluoromethane (Surr)	113	5.229	5.223	0.006	98	175511	50.0	48.3	
56 Carbon tetrachloride	117	5.332	5.333	0.000	97	2851377	500.0	524.5	
57 1,1-Dichloropropene	75	5.381	5.375	0.006	97	3130794	500.0	481.8	
58 Isobutyl alcohol	43	5.595	5.582	0.013	89	3100378	12500	12007	
59 Benzene	78	5.619	5.613	0.006	95	8403500	500.0	452.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.643	0.006	87	143808	50.0	50.0	
61 Tert-amyl methyl ether	87	5.723	5.717	0.006	94	1652948	500.0	516.6	
62 Isopropyl acetate	43	5.729	5.723	0.006	99	4275073	500.0	491.3	
63 1,2-Dichloroethane	62	5.741	5.735	0.006	96	1983348	500.0	448.1	
64 n-Heptane	43	5.838	5.832	0.006	87	3233957	500.0	471.4	
* 65 Fluorobenzene	96	5.985	5.979	0.006	99	700383	50.0	50.0	
66 n-Butanol	56	6.418	6.405	0.013	85	1334171	12500	14156	
67 Trichloroethene	95	6.418	6.412	0.006	99	2481783	500.0	504.8	
68 Methylcyclohexane	83	6.558	6.552	0.006	92	4404911	500.0	512.7	
69 Ethyl acrylate	55	6.601	6.594	0.006	98	2349057	500.0	544.0	
70 1,2-Dichloropropane	63	6.771	6.765	0.006	95	2160808	500.0	487.1	
* 71 1,4-Dioxane-d8	96	6.857	6.844	0.013	0	39614	1000.0	1000.0	a
72 Methyl methacrylate	100	6.893	6.887	0.006	83	1029050	1000.0	1076.6	
73 1,4-Dioxane	88	6.918	6.911	0.007	95	421412	10000	7293.5	
74 Dibromomethane	93	6.918	6.918	0.000	98	1181673	500.0	483.9	
75 n-Propyl acetate	43	6.960	6.954	0.006	96	2120115	500.0	502.9	
76 Dichlorobromomethane	83	7.094	7.094	0.000	99	2753698	500.0	524.3	
77 2-Nitropropane	41	7.442	7.442	0.000	96	595239	1000.0	1084.9	
78 2-Chloroethyl vinyl ether	63	7.460	7.454	0.006	94	1041333	501.2	532.3	
79 Epichlorohydrin	57	7.558	7.545	0.013	99	3181135	10000	10430	
80 cis-1,3-Dichloropropene	75	7.600	7.594	0.006	87	3325555	500.0	531.4	
81 4-Methyl-2-pentanone (MIBK)	43	7.759	7.753	0.006	93	6483091	2500.0	2452.5	
$ 82 Toluene-d8 (Surr)	98	7.820	7.814	0.006	98	665146	50.0	51.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.881	0.006	94	8706527	500.0	458.4	
84 trans-1,3-Dichloropropene	75	8.192	8.192	0.000	93	2750446	500.0	548.2	
85 Ethyl methacrylate	69	8.222	8.216	0.006	85	2223184	500.0	513.8	
86 1,1,2-Trichloroethane	83	8.362	8.356	0.006	98	1505164	500.0	499.8	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	2353489	500.0	494.7	
88 1,3-Dichloropropane	76	8.521	8.515	0.006	88	2756991	500.0	487.1	
89 2-Hexanone	43	8.570	8.564	0.006	93	4466415	2500.0	2426.3	
90 n-Butyl acetate	73	8.655	8.655	0.000	98	457501	500.0	508.4	
91 Chlorodibromomethane	129	8.692	8.692	0.000	98	2022978	500.0	541.9	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	1757741	500.0	509.8	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	85	463962	50.0	50.0	
94 Chlorobenzene	112	9.204	9.204	0.000	95	5398721	500.0	453.4	
95 Ethylbenzene	106	9.271	9.265	0.006	98	2782553	500.0	436.5	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.277	0.006	97	1711248	500.0	457.2	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	3388398	500.0	433.4	
98 n-Butyl acrylate	73	9.673	9.673	0.000	98	1258259	500.0	514.4	
99 o-Xylene	106	9.697	9.698	-0.001	97	3278689	500.0	444.4	
100 Styrene	104	9.722	9.722	0.000	96	5257339	500.0	418.8	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	2172501	500.0	552.2	
102 Bromoform	173	9.899	9.893	0.006	97	1204139	500.0	509.1	
103 Isopropylbenzene	105	9.978	9.978	0.000	96	8227157	500.0	423.7	
$ 104 4-Bromofluorobenzene	174	10.143	10.143	-0.001	0	179756	50.0	56.9	
105 Bromobenzene	156	10.252	10.252	0.000	96	2218595	500.0	528.8	
106 1,1,2,2-Tetrachloroethane	83	10.277	10.271	0.006	99	2000874	500.0	534.9	
107 N-Propylbenzene	91	10.301	10.295	0.006	99	9413547	500.0	466.1	
108 1,2,3-Trichloropropane	110	10.319	10.313	0.006	97	496869	500.0	505.8	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	86	431832	500.0	508.5	
110 4-Ethyltoluene	105	10.386	10.380	0.006	98	7153602	500.0	444.4	
111 2-Chlorotoluene	91	10.392	10.386	0.006	95	5739134	500.0	441.8	
112 1,3,5-Trimethylbenzene	105	10.435	10.429	0.006	93	5981927	500.0	442.6	
113 4-Chlorotoluene	91	10.478	10.478	0.000	97	5057799	500.0	433.7	
114 Butyl Methacrylate	87	10.496	10.496	0.000	84	1899400	500.0	463.0	
115 tert-Butylbenzene	119	10.673	10.667	0.006	94	5818458	500.0	485.2	
116 1,2,4-Trimethylbenzene	105	10.716	10.716	0.000	97	6129744	500.0	457.9	
117 sec-Butylbenzene	105	10.831	10.831	0.000	98	8301414	500.0	454.2	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	97	6755717	500.0	450.3	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	97	3326750	500.0	436.1	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.002	0.006	87	197433	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.026	11.020	0.006	95	3181354	500.0	411.1	
122 1,2,3-Trimethylbenzene	105	11.033	11.033	0.000	99	5479365	500.0	409.3	
123 Benzyl chloride	126	11.130	11.130	0.000	99	632490	500.0	554.4	
124 2,3-Dihydroindene	117	11.185	11.179	0.006	94	6344720	500.0	387.5	
125 p-Diethylbenzene	119	11.209	11.209	0.000	93	3739689	500.0	432.4	
126 n-Butylbenzene	92	11.234	11.228	0.006	98	3219888	500.0	403.2	
127 1,2-Dichlorobenzene	146	11.301	11.295	0.006	97	3186782	500.0	443.0	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.807	0.006	97	6911861	500.0	532.6	
129 1,2-Dibromo-3-Chloropropane	157	11.923	11.923	0.000	90	436271	500.0	606.7	
130 1,3,5-Trichlorobenzene	180	12.045	12.045	0.000	98	2911872	500.0	512.7	
131 1,2,4-Trichlorobenzene	180	12.648	12.642	0.006	94	2630796	500.0	528.6	
132 Hexachlorobutadiene	225	12.752	12.746	0.006	93	1294882	500.0	550.2	
133 Naphthalene	128	12.922	12.916	0.006	99	6337522	500.0	544.3	
134 1,2,3-Trichlorobenzene	180	13.197	13.191	0.006	96	2456251	500.0	537.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		1000.0	950.1	
S 136 1,3-Dichloropropene, Total	100				0		1000.0	1079.6	
S 137 Xylenes, Total	100				0		1000.0	877.8	
S 138 Total BTEX	1				0		2500.0	2225.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS Hi_00371	Amount Added:	5.00	Units: uL	
ACROLEIN W_00112	Amount Added:	6.00	Units: uL	
8FreonHi_00023	Amount Added:	5.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	50.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

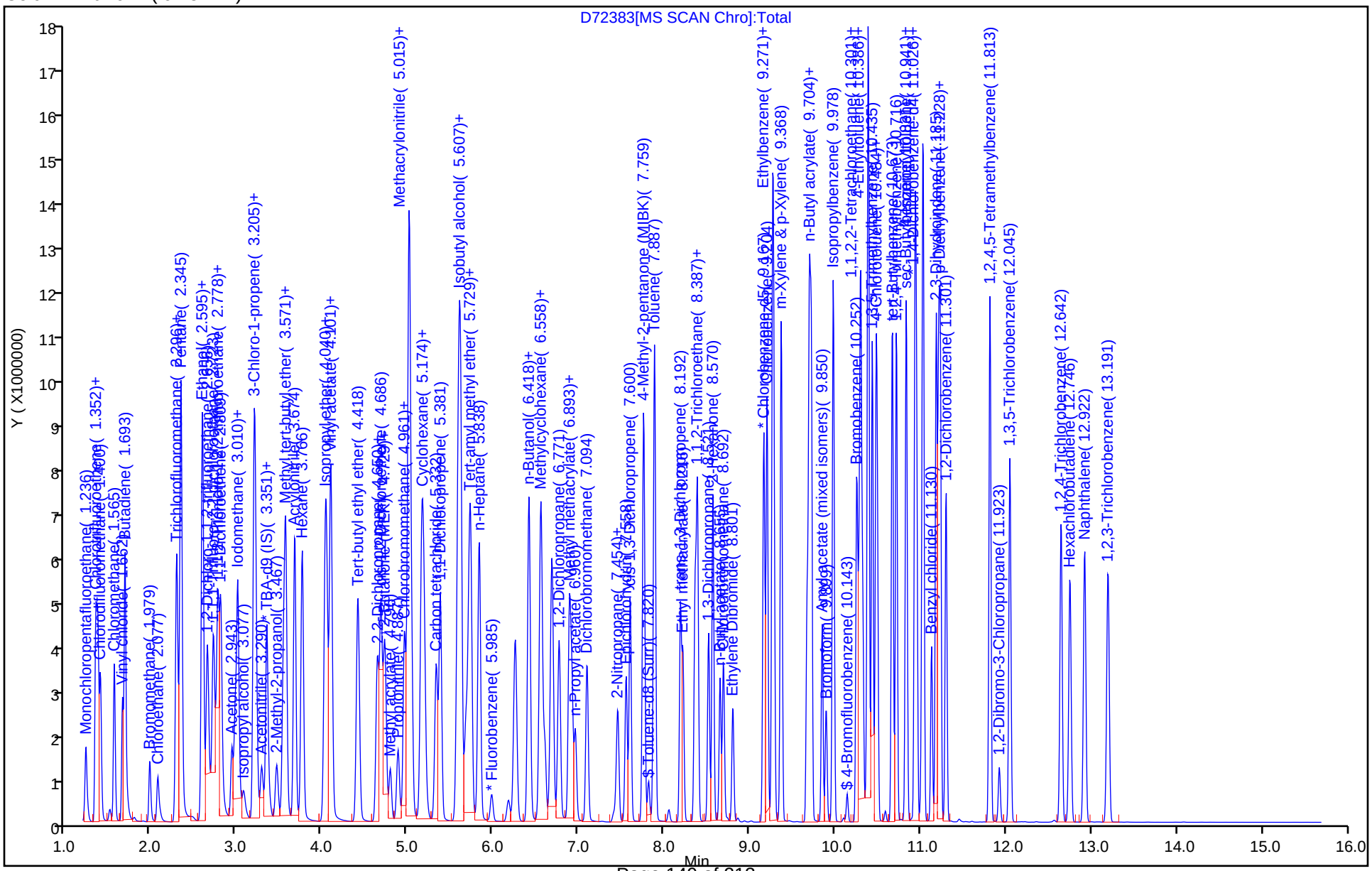
Report Date: 17-Sep-2020 13:06:59 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Injection Date:	16-Sep-2020 16:01:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	STD500			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Manual Integration/User Assign Peak Report

Eurofins TestAmerica, Edison

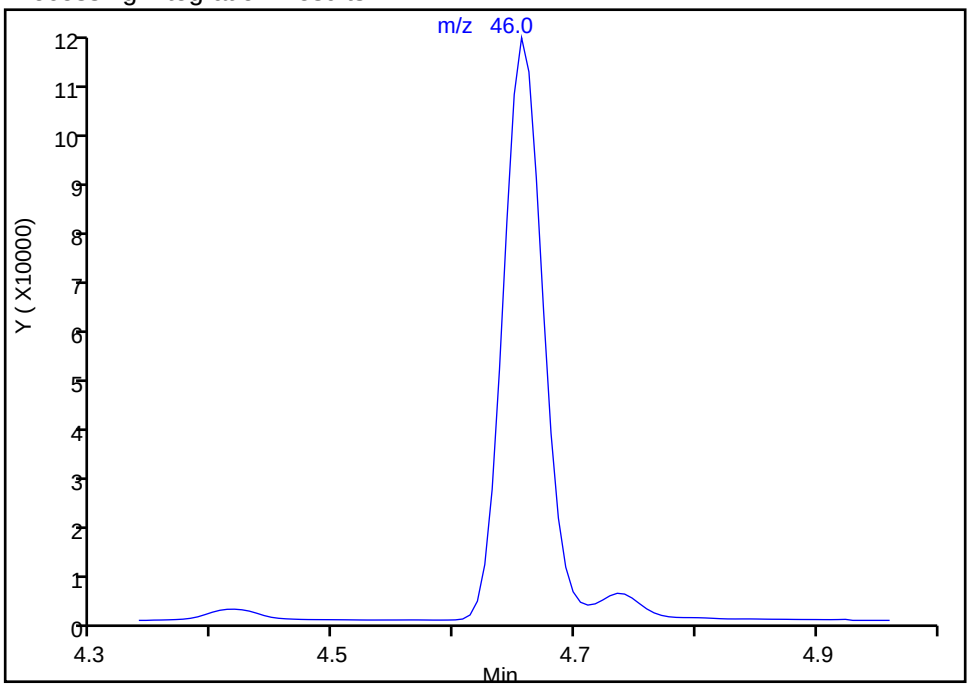
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D
Injection Date: 16-Sep-2020 16:01:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 42 2-Butanone-d5, CAS: 24313-50-6

Signal: 1

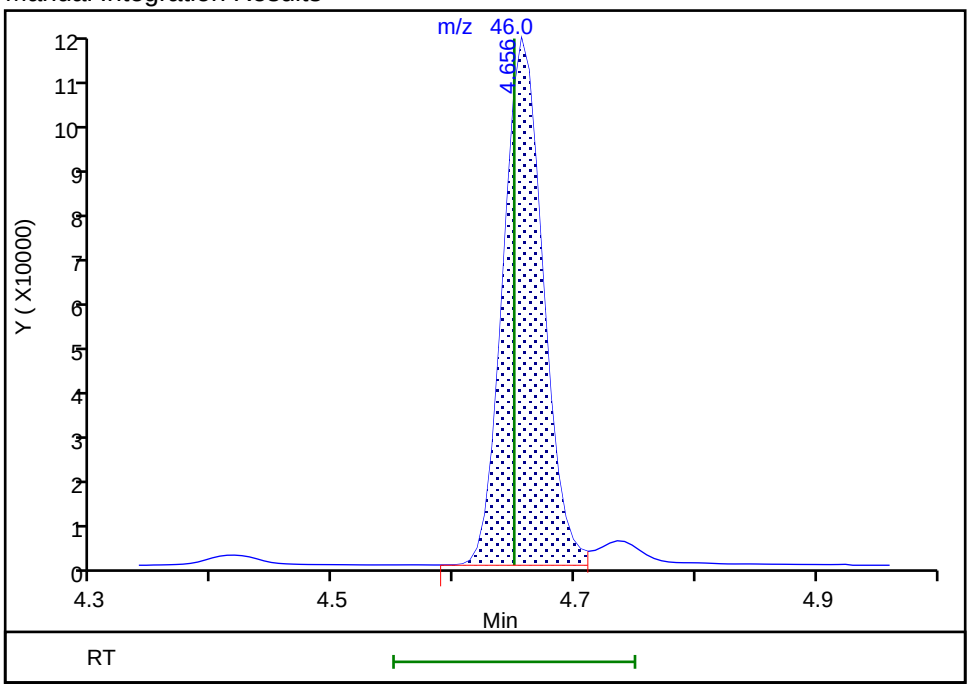
Not Detected
Expected RT: 4.65

Processing Integration Results



Manual Integration Results

RT: 4.66
Area: 260044
Amount: 250.0000
Amount Units: ug/l



Reviewer: delpolitov, 17-Sep-2020 12:40:26
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Eurofins TestAmerica, Edison

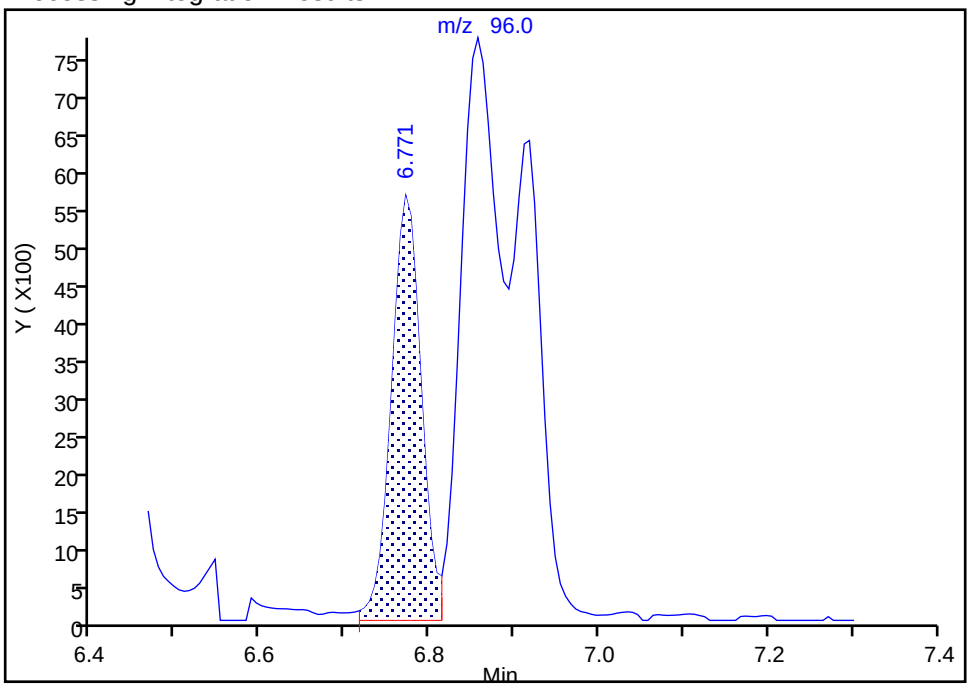
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D
Injection Date: 16-Sep-2020 16:01:30 Instrument ID: CVOAMS4
Lims ID: STD500
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

* 71 1,4-Dioxane-d8, CAS: 17647-74-4

Signal: 1

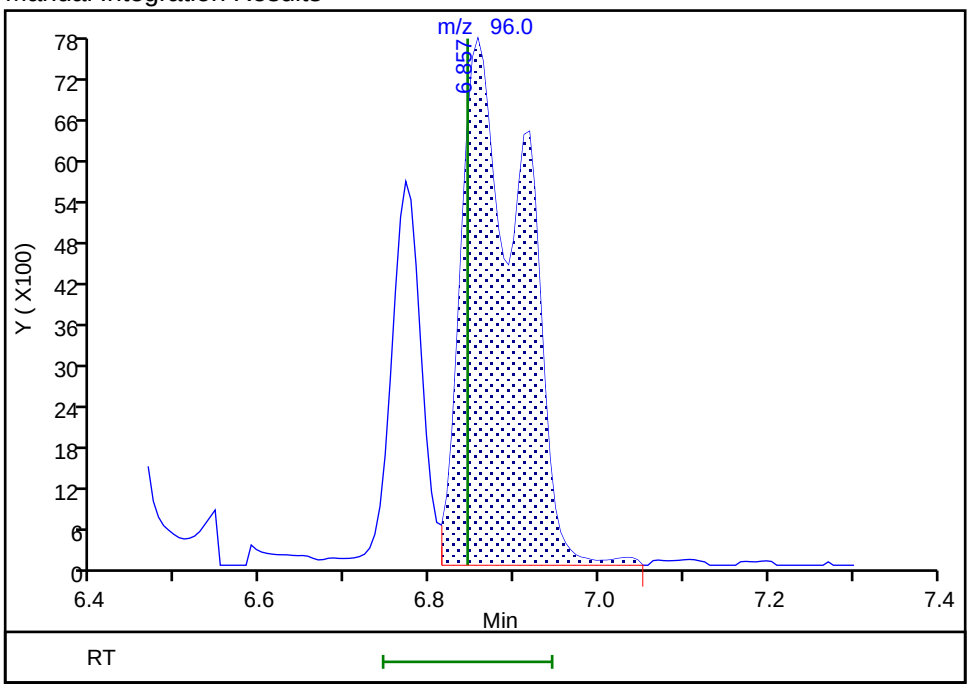
Processing Integration Results

RT: 6.77
Area: 14059
Amount: 1000.0000
Amount Units: ug/l



Manual Integration Results

RT: 6.86
Area: 39614
Amount: 1000.0000
Amount Units: ug/l



Reviewer: delpolitov, 17-Sep-2020 12:40:35
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: ICV 460-724430/14 Calibration Date: 09/16/2020 18:19

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D72388.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0552	0.0718		26.0	20.0	30.1*	30.0
Chlorotrifluoroethene	Ave	0.1933	0.2465		25.5	20.0	27.6	30.0
1,1-Difluoroethane	Ave	0.2230	0.2420		21.7	20.0	8.5	30.0
Dichlorodifluoromethane	Ave	0.5621	0.4735	0.1000	16.8	20.0	-15.8	30.0
Chlorodifluoromethane	Ave	0.4556	0.4874		21.4	20.0	7.0	30.0
Chloromethane	Ave	0.5034	0.5018	0.1000	19.9	20.0	-0.3	30.0
Vinyl chloride	Ave	0.4287	0.4102	0.1000	19.1	20.0	-4.3	30.0
Butadiene	Ave	0.3726	0.3351		18.0	20.0	-10.0	30.0
Bromomethane	QuaF		0.2074	0.1000	19.2	20.0	-4.0	30.0
Chloroethane	Ave	0.2042	0.1959	0.1000	19.2	20.0	-4.1	30.0
Trichlorofluoromethane	Ave	0.5568	0.5411	0.1000	19.4	20.0	-2.8	30.0
Dichlorofluoromethane	Ave	0.6339	0.6046		19.1	20.0	-4.6	30.0
Pentane	Ave	0.0699	0.0884		50.6	40.0	26.6	30.0
Ethanol	QuaF		0.0740		843	800	5.4	30.0
Ethyl ether	Ave	0.2456	0.2624		21.4	20.0	6.8	30.0
2-Methyl-1,3-butadiene	Ave	0.3124	0.3488		22.3	20.0	11.6	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3166	0.3274		20.7	20.0	3.4	30.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5253	0.5381		20.5	20.0	2.4	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3679	0.4106	0.1000	22.3	20.0	11.6	30.0
Acrolein	Ave	1.735	0.8537		148	300	-50.8*	30.0
1,1-Dichloroethene	Ave	0.3412	0.3829	0.1000	22.4	20.0	12.2	30.0
Acetone	Lin2		0.9027	0.0500	103	100	3.0	30.0
Iodomethane	Ave	0.4612	0.4446		19.3	20.0	-3.6	30.0
Carbon disulfide	Ave	1.202	1.326	0.1000	22.1	20.0	10.3	30.0
Isopropyl alcohol	Ave	0.8598	0.8426		196	200	-2.0	30.0
Allyl chloride	Ave	0.2011	0.2195		21.8	20.0	9.2	30.0
Cyclopentene	Ave	0.8729	0.9823		22.5	20.0	12.5	30.0
Methyl acetate	Ave	0.1705	0.1640	0.1000	38.5	40.0	-3.8	30.0
Acetonitrile	Ave	0.7459	0.7170		192	200	-3.9	30.0
Methylene Chloride	Ave	0.3721	0.3702	0.1000	19.9	20.0	-0.5	30.0
TBA	Ave	1.427	1.368		192	200	-4.1	30.0
Methyl tert-butyl ether	Ave	0.7668	0.7612	0.1000	19.9	20.0	-0.7	30.0
trans-1,2-Dichloroethene	Ave	0.3800	0.3958	0.1000	20.8	20.0	4.2	30.0
Acrylonitrile	Ave	4.414	4.218		191	200	-4.5	30.0
Hexane	Ave	0.5332	0.6019		22.6	20.0	12.9	30.0
Isopropyl ether	Ave	0.9165	0.9495		20.7	20.0	3.6	30.0
1,1-Dichloroethane	Ave	0.5949	0.6016	0.2000	20.2	20.0	1.1	30.0
Vinyl acetate	Ave	0.0549	0.0530		38.6	40.0	-3.4	30.0
2-Chloro-1,3-butadiene	Ave	0.3267	0.3374		20.7	20.0	3.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: ICV 460-724430/14 Calibration Date: 09/16/2020 18:19

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D72388.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8017	0.8154		20.3	20.0	1.7	30.0
2,2-Dichloropropane	Ave	0.1351	0.1429		21.2	20.0	5.8	30.0
cis-1,2-Dichloroethene	Ave	0.3885	0.3987	0.1000	20.5	20.0	2.6	30.0
2-Butanone (MEK)	Ave	0.4143	0.3934	0.0500	94.9	100	-5.1	30.0
Ethyl acetate	Ave	0.3516	0.3381		38.5	40.0	-3.8	30.0
Methyl acrylate	Ave	0.2035	0.1981		19.5	20.0	-2.7	30.0
Propionitrile	Ave	0.4397	0.4172		190	200	-5.1	30.0
Chlorobromomethane	Ave	0.1737	0.1689		19.4	20.0	-2.8	30.0
Tetrahydrofuran	Ave	0.4317	0.4080		37.8	40.0	-5.5	30.0
Methacrylonitrile	Ave	0.1026	0.0999		195	200	-2.6	30.0
Chloroform	Ave	0.5577	0.5539	0.2000	19.9	20.0	-0.7	30.0
Cyclohexane	Ave	0.5238	0.5658	0.1000	21.6	20.0	8.0	30.0
1,1,1-Trichloroethane	Ave	0.4562	0.4708	0.1000	20.6	20.0	3.2	30.0
Carbon tetrachloride	Ave	0.3881	0.4028	0.1000	20.8	20.0	3.8	30.0
1,1-Dichloropropene	Ave	0.4639	0.4695		20.2	20.0	1.2	30.0
Isobutyl alcohol	Ave	0.8994	0.9062		504	500	0.8	30.0
Benzene	Ave	2.001	2.071	0.5000	20.7	20.0	3.5	30.0
Tert-amyl methyl ether	Ave	0.2284	0.2297		20.1	20.0	0.6	30.0
Isopropyl acetate	Ave	0.6212	0.6281		20.2	20.0	1.1	30.0
1,2-Dichloroethane	Ave	0.3160	0.3018	0.1000	19.1	20.0	-4.5	30.0
n-Heptane	Ave	0.4897	0.5167		21.1	20.0	5.5	30.0
n-Butanol	Ave	0.3283	0.3258		496	500	-0.8	30.0
Trichloroethene	Ave	0.3509	0.3563	0.2000	20.3	20.0	1.5	30.0
Methylcyclohexane	Ave	0.6133	0.6493	0.1000	21.2	20.0	5.9	30.0
Ethyl acrylate	Ave	0.3082	0.2967		19.2	20.0	-3.8	30.0
1,2-Dichloropropane	Ave	0.3167	0.3185	0.1000	20.1	20.0	0.6	30.0
Methyl methacrylate	Ave	0.0682	0.0678		39.8	40.0	-0.6	30.0
1,4-Dioxane	Ave	1.459	1.572		431	400	7.8	30.0
Dibromomethane	Ave	0.1743	0.1709		19.6	20.0	-2.0	30.0
n-Propyl acetate	Ave	0.3010	0.2888		19.2	20.0	-4.0	30.0
Dichlorobromomethane	Ave	0.3749	0.3667	0.2000	19.6	20.0	-2.2	30.0
2-Nitropropane	Ave	0.0392	0.0331		33.8	40.0	-15.4	30.0
2-Chloroethyl vinyl ether	Ave	0.1396	0.1410		20.2	20.0	1.0	30.0
Epichlorohydrin	Ave	0.2932	0.3164		21.6	20.0	7.9	30.0
cis-1,3-Dichloropropene	Ave	0.6745	0.6776	0.2000	20.1	20.0	0.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.541	2.448	0.0500	96.3	100	-3.7	30.0
Toluene	Ave	2.047	2.037	0.4000	19.9	20.0	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.5407	0.5080	0.1000	18.8	20.0	-6.1	30.0
Ethyl methacrylate	Ave	0.3089	0.2942		19.0	20.0	-4.8	30.0
1,1,2-Trichloroethane	Ave	0.3245	0.3165	0.1000	19.5	20.0	-2.5	30.0
Tetrachloroethene	Ave	0.5127	0.5274	0.2000	20.6	20.0	2.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: ICV 460-724430/14 Calibration Date: 09/16/2020 18:19

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D72388.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6100	0.5842		19.2	20.0	-4.2	30.0
2-Hexanone	Ave	1.770	1.771	0.0500	100	100	0.0	30.0
n-Butyl acetate	Ave	0.0970	0.0922		19.0	20.0	-4.9	30.0
Chlorodibromomethane	Ave	0.4023	0.3921	0.1000	19.5	20.0	-2.5	30.0
Ethylene Dibromide	Ave	0.3716	0.3610	0.1000	19.4	20.0	-2.8	30.0
Chlorobenzene	Ave	1.283	1.262	0.5000	19.7	20.0	-1.6	30.0
Ethylbenzene	Ave	0.6870	0.7025	0.1000	20.5	20.0	2.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4033	0.3921		19.4	20.0	-2.8	30.0
m-Xylene & p-Xylene	Ave	0.8426	0.8564	0.1000	20.3	20.0	1.6	30.0
n-Butyl acrylate	Ave	0.2636	0.2478		18.8	20.0	-6.0	30.0
o-Xylene	Ave	0.7952	0.8000	0.3000	20.1	20.0	0.6	30.0
Styrene	Ave	1.353	1.385	0.3000	20.5	20.0	2.4	30.0
Amyl acetate (mixed isomers)	Ave	0.996	0.9571		19.2	20.0	-3.9	30.0
Bromoform	Lin2		0.2165	0.1000	17.4	20.0	-13.0	30.0
Isopropylbenzene	Ave	2.093	2.176	0.1000	20.8	20.0	4.0	30.0
Bromobenzene	Ave	1.062	0.9880		18.6	20.0	-7.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9473	0.8542	0.3000	18.0	20.0	-9.8	30.0
N-Propylbenzene	Ave	5.115	5.161		20.2	20.0	0.9	30.0
1,2,3-Trichloropropane	Ave	0.2488	0.2361		19.0	20.0	-5.1	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2151	0.2055		19.1	20.0	-4.4	30.0
2-Chlorotoluene	Ave	3.290	3.252		19.8	20.0	-1.2	30.0
4-Ethyltoluene	Ave	4.077	4.250		20.9	20.0	4.3	30.0
1,3,5-Trimethylbenzene	Ave	3.423	3.425		20.0	20.0	0.0	30.0
4-Chlorotoluene	Ave	2.953	2.981		20.2	20.0	0.9	30.0
Butyl Methacrylate	Lin2		0.9571		18.8	20.0	-6.0	30.0
tert-Butylbenzene	Ave	3.037	3.064		20.2	20.0	0.9	30.0
1,2,4-Trimethylbenzene	Ave	3.390	3.398		20.0	20.0	0.2	30.0
sec-Butylbenzene	Ave	4.629	4.765		20.6	20.0	2.9	30.0
4-Isopropyltoluene	Ave	3.800	3.928		20.7	20.0	3.4	30.0
1,3-Dichlorobenzene	Ave	1.932	1.902	0.6000	19.7	20.0	-1.5	30.0
1,4-Dichlorobenzene	Ave	1.960	1.965	0.5000	20.0	20.0	0.2	30.0
1,2,3-Trimethylbenzene	Ave	3.390	3.440		20.3	20.0	1.5	30.0
Benzyl chloride	Lin2		0.2479		17.7	20.0	-11.4	30.0
Indan	Ave	1.169	1.211		20.7	20.0	3.6	30.0
p-Diethylbenzene	Ave	2.190	2.369		21.6	20.0	8.2	30.0
n-Butylbenzene	Ave	2.023	2.147		21.2	20.0	6.1	30.0
1,2-Dichlorobenzene	Ave	1.822	1.757	0.4000	19.3	20.0	-3.6	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.287	3.253		19.8	20.0	-1.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1821	0.1574	0.0500	17.3	20.0	-13.6	30.0
1,3,5-Trichlorobenzene	Ave	1.438	1.407		19.6	20.0	-2.2	30.0
1,2,4-Trichlorobenzene	Ave	1.260	1.198	0.2000	19.0	20.0	-4.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: ICV 460-724430/14 Calibration Date: 09/16/2020 18:19

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D72388.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.5960	0.6095		20.5	20.0	2.3	30.0
Naphthalene	Ave	2.949	2.698		18.3	20.0	-8.5	30.0
1,2,3-Trichlorobenzene	Ave	1.157	1.101		19.0	20.0	-4.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2596	0.2543		49.0	50.0	-2.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2055	0.2016		49.1	50.0	-1.9	30.0
Toluene-d8 (Surr)	Ave	1.389	1.373		49.4	50.0	-1.2	30.0
4-Bromofluorobenzene	Ave	0.8003	0.7705		48.1	50.0	-3.7	30.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72388.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 16-Sep-2020 18:19:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0116852-014
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:13:27 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

First Level Reviewer: delpolitov Date: 17-Sep-2020 13:15:07

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.236	1.236	0.000	35	17357	20.0	26.0	
2 Chlorotrifluoroethene	116	1.345	1.345	0.000	89	59600	20.0	25.5	
3 1,1-Difluoroethane	65	1.357	1.358	-0.001	95	58507	20.0	21.7	
4 Dichlorodifluoromethane	85	1.376	1.376	0.000	88	114476	20.0	16.8	
5 Chlorodifluoromethane	51	1.406	1.400	0.006	79	117839	20.0	21.4	
6 Chloromethane	50	1.565	1.565	0.000	89	121324	20.0	19.9	
8 Vinyl chloride	62	1.662	1.662	0.000	83	99177	20.0	19.1	
7 Butadiene	54	1.693	1.687	0.006	96	81023	20.0	18.0	
9 Bromomethane	94	1.985	1.986	-0.001	99	50147	20.0	19.2	
10 Chloroethane	64	2.089	2.083	0.006	97	47367	20.0	19.2	
11 Dichlorofluoromethane	67	2.302	2.297	0.006	88	146161	20.0	19.1	
13 Trichlorofluoromethane	101	2.296	2.297	0.000	84	130827	20.0	19.4	
12 Pentane	72	2.351	2.351	0.000	96	42756	40.0	50.6	
15 Ethanol	46	2.571	2.571	0.000	89	14107	800.0	843.4	
14 Ethyl ether	59	2.595	2.595	0.000	75	63436	20.0	21.4	
16 2-Methyl-1,3-butadiene	53	2.601	2.601	0.000	93	84327	20.0	22.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.656	2.656	0.000	64	79147	20.0	20.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.723	2.723	0.000	88	130087	20.0	20.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.784	2.778	0.006	97	99272	20.0	22.3	
19 Acrolein	56	2.790	2.784	0.006	88	61147	300.4	147.8	
21 1,1-Dichloroethene	96	2.814	2.815	-0.001	88	92575	20.0	22.4	
22 Acetone	43	2.936	2.937	-0.001	81	82888	100.0	103.0	
23 Iodomethane	142	2.985	2.979	0.006	97	107479	20.0	19.3	
24 Carbon disulfide	76	3.016	3.010	0.006	98	320658	20.0	22.1	
25 Isopropyl alcohol	45	3.071	3.065	0.006	44	40178	200.0	196.0	
26 3-Chloro-1-propene	76	3.199	3.199	0.000	76	53075	20.0	21.8	
28 Cyclopentene	67	3.211	3.211	0.000	81	237491	20.0	22.5	
27 Methyl acetate	43	3.229	3.223	0.006	78	79296	40.0	38.5	
29 Acetonitrile	40	3.284	3.284	0.000	95	34191	200.0	192.2	
30 Methylene Chloride	84	3.351	3.351	0.000	84	89505	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.369	3.369	0.000	0	238423	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.455	3.455	0.000	14	65214	200.0	191.7	
33 Methyl tert-butyl ether	73	3.546	3.546	0.000	96	184031	20.0	19.9	
34 trans-1,2-Dichloroethene	96	3.577	3.571	0.006	83	95693	20.0	20.8	
35 Acrylonitrile	53	3.668	3.668	0.000	94	201110	200.0	191.1	
36 Hexane	57	3.766	3.766	0.000	90	145520	20.0	22.6	
37 Isopropyl ether	45	4.034	4.028	0.006	97	229543	20.0	20.7	
38 1,1-Dichloroethane	63	4.052	4.052	0.000	99	145434	20.0	20.2	
39 Vinyl acetate	86	4.089	4.089	0.000	99	25625	40.0	38.6	
40 2-Chloro-1,3-butadiene	88	4.107	4.101	0.006	85	81563	20.0	20.7	
41 Tert-butyl ethyl ether	59	4.412	4.412	0.000	90	197125	20.0	20.3	
43 2,2-Dichloropropane	79	4.643	4.644	-0.001	71	34538	20.0	21.2	
* 42 2-Butanone-d5	46	4.649	4.650	-0.001	62	229546	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.686	4.680	0.006	92	96380	20.0	20.5	
45 2-Butanone (MEK)	72	4.717	4.717	0.000	99	36117	100.0	94.9	
46 Ethyl acetate	70	4.735	4.735	0.000	97	12419	40.0	38.5	
47 Methyl acrylate	55	4.790	4.790	0.000	97	47901	20.0	19.5	
48 Propionitrile	54	4.875	4.869	0.006	37	76607	200.0	189.8	
50 Tetrahydrofuran	72	4.960	4.955	0.005	23	14985	40.0	37.8	
49 Chlorobromomethane	128	4.960	4.955	0.005	60	40837	20.0	19.4	
51 Methacrylonitrile	67	4.997	4.997	0.000	88	241572	200.0	194.8	
52 Chloroform	83	5.034	5.034	0.000	90	133907	20.0	19.9	
53 Cyclohexane	84	5.162	5.162	0.000	88	136786	20.0	21.6	
54 1,1,1-Trichloroethane	97	5.186	5.186	0.000	58	113832	20.0	20.6	
$ 55 Dibromofluoromethane (Surr)	113	5.223	5.223	0.000	95	153671	50.0	49.0	
56 Carbon tetrachloride	117	5.332	5.333	0.000	90	97370	20.0	20.8	
57 1,1-Dichloropropene	75	5.381	5.375	0.006	97	113497	20.0	20.2	
58 Isobutyl alcohol	43	5.582	5.582	0.000	34	108025	500.0	503.8	
59 Benzene	78	5.619	5.613	0.006	95	327921	20.0	20.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.649	5.643	0.006	89	121861	50.0	49.1	
61 Tert-amyl methyl ether	87	5.722	5.717	0.005	81	55543	20.0	20.1	
62 Isopropyl acetate	43	5.729	5.723	0.006	92	151853	20.0	20.2	
63 1,2-Dichloroethane	62	5.741	5.735	0.006	83	72972	20.0	19.1	
64 n-Heptane	43	5.832	5.832	0.000	79	124926	20.0	21.1	
* 65 Fluorobenzene	96	5.978	5.979	-0.001	99	604397	50.0	50.0	
66 n-Butanol	56	6.405	6.405	0.000	55	38835	500.0	496.2	
67 Trichloroethene	95	6.417	6.412	0.005	87	86133	20.0	20.3	
68 Methylcyclohexane	83	6.558	6.552	0.006	91	156973	20.0	21.2	
69 Ethyl acrylate	55	6.600	6.594	0.006	76	71725	20.0	19.2	
70 1,2-Dichloropropane	63	6.765	6.765	0.000	84	77012	20.0	20.1	
* 71 1,4-Dioxane-d8	96	6.850	6.844	0.006	0	24514	1000.0	1000.0	
72 Methyl methacrylate	100	6.887	6.887	0.000	82	32798	40.0	39.8	
73 1,4-Dioxane	88	6.911	6.911	0.000	43	15416	400.0	431.2	
74 Dibromomethane	93	6.917	6.918	-0.001	97	41307	20.0	19.6	
75 n-Propyl acetate	43	6.960	6.954	0.006	97	69817	20.0	19.2	
76 Dichlorobromomethane	83	7.094	7.094	0.000	96	88652	20.0	19.6	
77 2-Nitropropane	41	7.442	7.442	0.000	82	16021	40.0	33.8	
78 2-Chloroethyl vinyl ether	63	7.454	7.454	0.000	88	34089	20.0	20.2	
79 Epichlorohydrin	57	7.551	7.545	0.006	31	5810	20.0	21.6	
80 cis-1,3-Dichloropropene	75	7.600	7.594	0.006	82	107298	20.0	20.1	
81 4-Methyl-2-pentanone (MIBK)	43	7.753	7.753	0.000	93	224769	100.0	96.3	
$ 82 Toluene-d8 (Surr)	98	7.814	7.814	0.000	99	543556	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.887	7.881	0.006	93	322594	20.0	19.9	
84 trans-1,3-Dichloropropene	75	8.191	8.192	-0.001	81	80436	20.0	18.8	
85 Ethyl methacrylate	69	8.216	8.216	0.000	87	71128	20.0	19.0	
86 1,1,2-Trichloroethane	83	8.362	8.356	0.006	95	50126	20.0	19.5	
87 Tetrachloroethene	166	8.387	8.387	0.000	97	83518	20.0	20.6	
88 1,3-Dichloropropane	76	8.521	8.515	0.006	87	92504	20.0	19.2	
89 2-Hexanone	43	8.569	8.564	0.005	93	162600	100.0	100.1	
90 n-Butyl acetate	73	8.655	8.655	0.000	97	14604	20.0	19.0	
91 Chlorodibromomethane	129	8.691	8.692	-0.001	95	62089	20.0	19.5	
92 Ethylene Dibromide	107	8.801	8.801	0.000	98	57169	20.0	19.4	
* 93 Chlorobenzene-d5	117	9.179	9.179	0.000	82	395879	50.0	50.0	
94 Chlorobenzene	112	9.203	9.204	-0.001	96	199841	20.0	19.7	
95 Ethylbenzene	106	9.264	9.265	-0.001	98	111249	20.0	20.5	
96 1,1,1,2-Tetrachloroethane	131	9.283	9.277	0.006	91	62085	20.0	19.4	
97 m-Xylene & p-Xylene	106	9.368	9.368	0.000	100	135615	20.0	20.3	
98 n-Butyl acrylate	73	9.673	9.673	0.000	89	39240	20.0	18.8	
99 o-Xylene	106	9.697	9.698	-0.001	94	126683	20.0	20.1	
100 Styrene	104	9.722	9.722	0.000	95	219286	20.0	20.5	
101 Amyl acetate (mixed isomers)	43	9.850	9.850	0.000	91	76464	20.0	19.2	
102 Bromoform	173	9.898	9.893	0.005	75	34289	20.0	17.4	
103 Isopropylbenzene	105	9.978	9.978	0.000	82	344649	20.0	20.8	
$ 104 4-Bromofluorobenzene	174	10.142	10.143	-0.001	0	153878	50.0	48.1	
105 Bromobenzene	156	10.252	10.252	0.000	96	78932	20.0	18.6	
106 1,1,2,2-Tetrachloroethane	83	10.276	10.271	0.005	74	68237	20.0	18.0	
107 N-Propylbenzene	91	10.295	10.295	0.000	98	412279	20.0	20.2	
108 1,2,3-Trichloropropane	110	10.319	10.313	0.006	83	18858	20.0	19.0	
109 trans-1,4-Dichloro-2-butene	53	10.325	10.325	0.000	63	16417	20.0	19.1	
110 4-Ethyltoluene	105	10.386	10.380	0.006	82	339558	20.0	20.9	
111 2-Chlorotoluene	91	10.386	10.386	0.000	95	259791	20.0	19.8	
112 1,3,5-Trimethylbenzene	105	10.435	10.429	0.006	93	273630	20.0	20.0	
113 4-Chlorotoluene	91	10.478	10.478	0.000	96	238134	20.0	20.2	
114 Butyl Methacrylate	87	10.496	10.496	0.000	84	76458	20.0	18.8	
115 tert-Butylbenzene	119	10.667	10.667	0.000	81	244767	20.0	20.2	
116 1,2,4-Trimethylbenzene	105	10.715	10.716	-0.001	97	271458	20.0	20.0	
117 sec-Butylbenzene	105	10.831	10.831	0.000	100	380673	20.0	20.6	
118 4-Isopropyltoluene	119	10.935	10.935	0.000	83	313815	20.0	20.7	
119 1,3-Dichlorobenzene	146	10.953	10.953	0.000	80	151972	20.0	19.7	
* 120 1,4-Dichlorobenzene-d4	152	11.008	11.002	0.006	89	199718	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.020	11.020	0.000	88	156949	20.0	20.0	
122 1,2,3-Trimethylbenzene	105	11.032	11.033	-0.001	97	274791	20.0	20.3	
123 Benzyl chloride	126	11.130	11.130	0.000	27	19801	20.0	17.7	a
124 2,3-Dihydroindene	117	11.185	11.179	0.006	83	292790	20.0	20.7	
125 p-Diethylbenzene	119	11.209	11.209	0.000	91	189263	20.0	21.6	
126 n-Butylbenzene	92	11.227	11.228	-0.001	91	171510	20.0	21.2	
127 1,2-Dichlorobenzene	146	11.295	11.295	0.000	97	140369	20.0	19.3	
128 1,2,4,5-Tetramethylbenzene	119	11.813	11.807	0.006	95	259884	20.0	19.8	
129 1,2-Dibromo-3-Chloropropane	157	11.922	11.923	-0.001	89	12573	20.0	17.3	
130 1,3,5-Trichlorobenzene	180	12.044	12.045	-0.001	97	112401	20.0	19.6	
131 1,2,4-Trichlorobenzene	180	12.642	12.642	0.000	89	95725	20.0	19.0	
132 Hexachlorobutadiene	225	12.752	12.746	0.006	90	48688	20.0	20.5	
133 Naphthalene	128	12.922	12.916	0.006	99	215497	20.0	18.3	
134 1,2,3-Trichlorobenzene	180	13.191	13.191	-0.001	95	87921	20.0	19.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	41.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.9	
S 137 Xylenes, Total	100				0		40.0	40.5	
S 138 Total BTEX	1				0		100.0	101.5	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

GAS C SP_00374	Amount Added:	2.00	Units: uL	
8260 SP_00129	Amount Added:	2.00	Units: uL	
ACROLEIN SP_00116	Amount Added:	3.00	Units: uL	
8FreonsSS_00024	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00211	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 17-Sep-2020 13:15:08 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72388.D

Injection Date: 16-Sep-2020 18:19:30 Instrument ID: CVOAMS4 Operator ID:

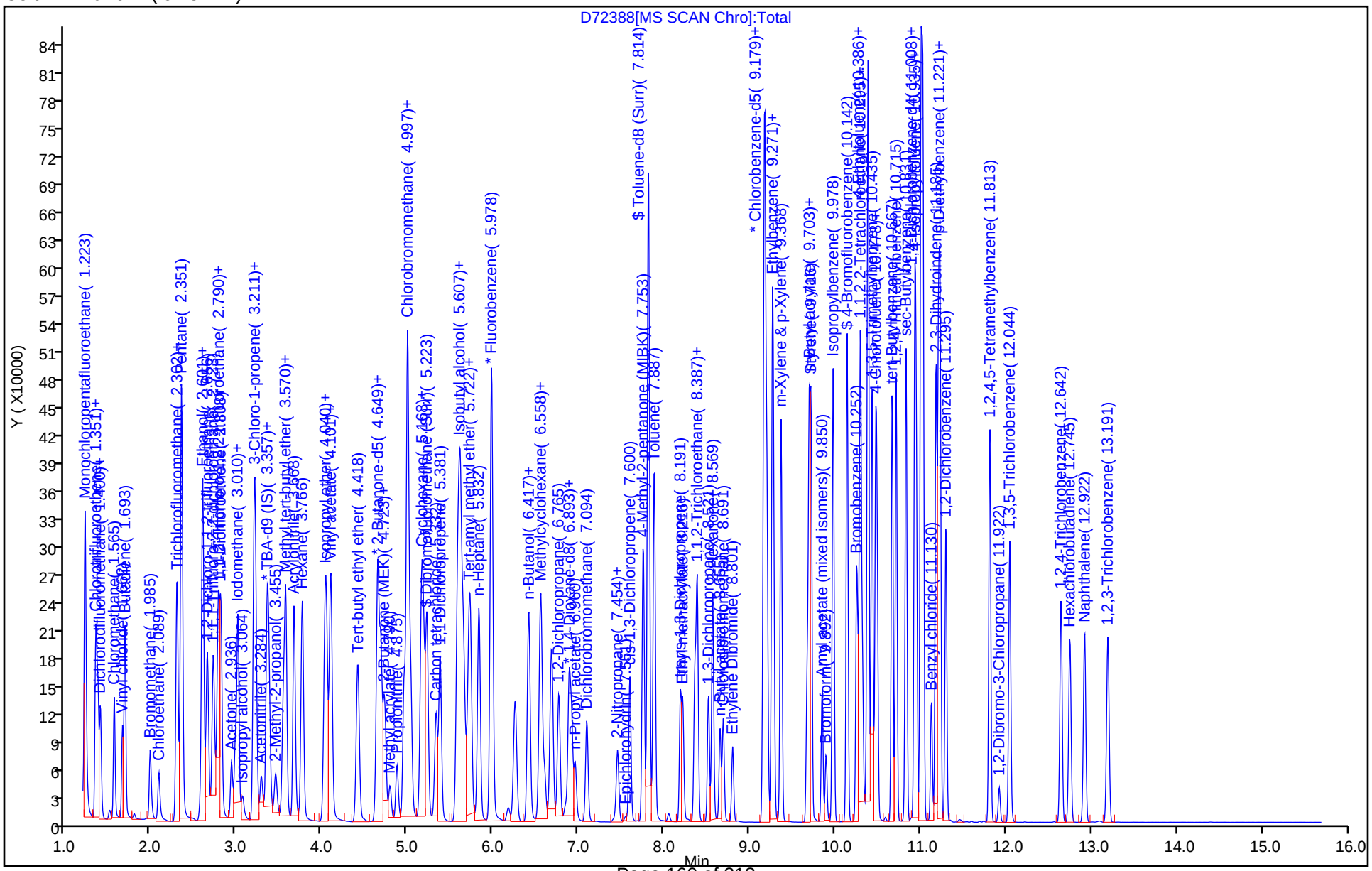
Lims ID: ICV Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison

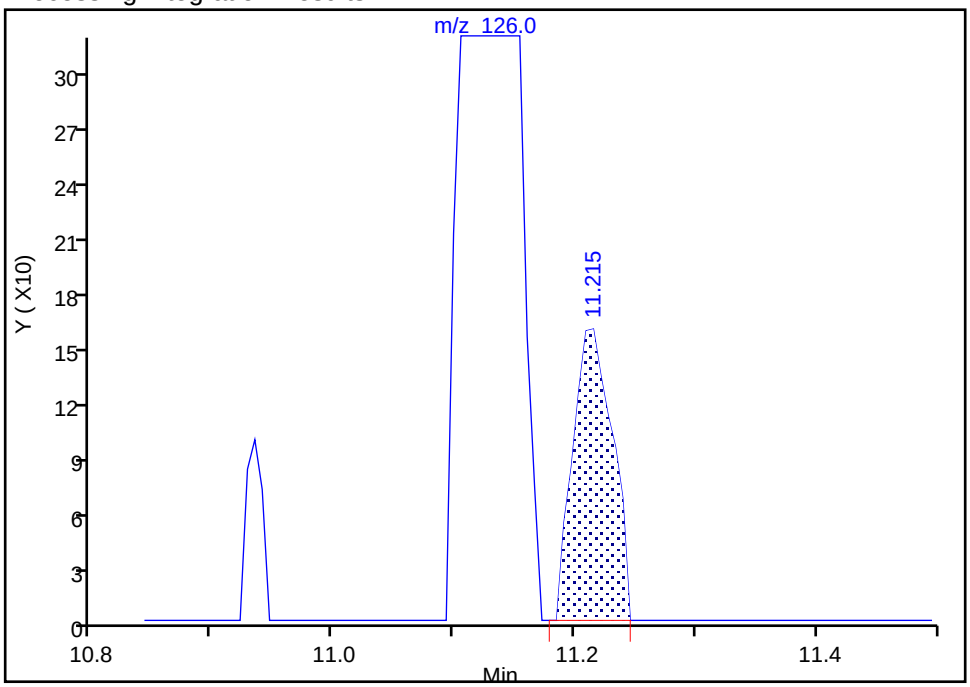
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72388.D
Injection Date: 16-Sep-2020 18:19:30 Instrument ID: CVOAMS4
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

123 Benzyl chloride, CAS: 100-44-7

Signal: 1

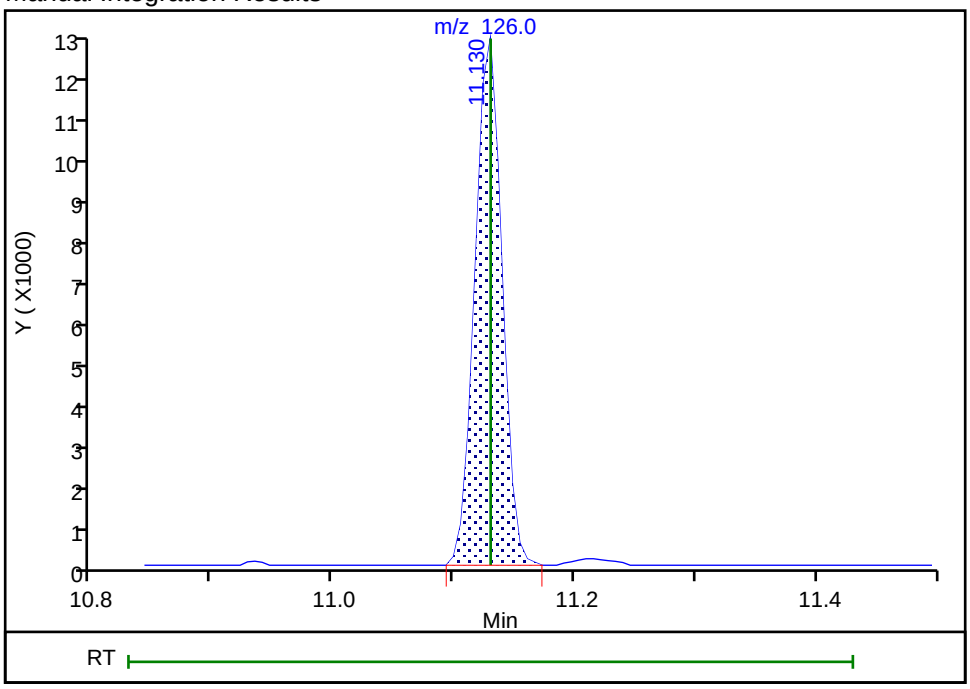
Processing Integration Results

RT: 11.22
Area: 358
Amount: 0.883903
Amount Units: ug/l



Manual Integration Results

RT: 11.13
Area: 19801
Amount: 17.714968
Amount Units: ug/l



Reviewer: delpolitov, 17-Sep-2020 13:13:16
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: CCVIS 460-727958/3 Calibration Date: 09/30/2020 19:08

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D73005.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Monochloropentafluoroethane	Ave	0.0552	0.0492		17.8	20.0	-10.9	20.0
Chlorotrifluoroethene	Ave	0.1933	0.1977		20.5	20.0	2.3	20.0
1,1-Difluoroethane	Ave	0.2230	0.2440		21.9	20.0	9.5	20.0
Dichlorodifluoromethane	Ave	0.5621	0.5422	0.1000	19.3	20.0	-3.5	20.0
Chlorodifluoromethane	Ave	0.4556	0.5137		22.5	20.0	12.7	20.0
Chloromethane	Ave	0.5034	0.4913	0.1000	19.5	20.0	-2.4	20.0
Vinyl chloride	Ave	0.4287	0.4344	0.1000	20.3	20.0	1.3	20.0
Butadiene	Ave	0.3726	0.3998		21.5	20.0	7.3	20.0
Bromomethane	QuaF		0.2195	0.1000	20.3	20.0	1.7	50.0
Chloroethane	Ave	0.2042	0.1992	0.1000	19.5	20.0	-2.4	50.0
Dichlorofluoromethane	Ave	0.6339	0.6291		19.8	20.0	-0.8	20.0
Trichlorofluoromethane	Ave	0.5568	0.5613	0.1000	20.2	20.0	0.8	20.0
Pentane	Ave	0.0699	0.0769		44.0	40.0	10.1	20.0
Ethanol	QuaF		0.0769		877	800	9.7	50.0
Ethyl ether	Ave	0.2456	0.2678		21.8	20.0	9.0	20.0
2-Methyl-1,3-butadiene	Ave	0.3124	0.3640		23.3	20.0	16.5	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3166	0.3398		21.5	20.0	7.4	20.0
1,1,1-Trifluoro-2,2-dichloro ethane	Ave	0.5253	0.5707		21.7	20.0	8.6	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.3679	0.4037	0.1000	21.9	20.0	9.7	20.0
Acrolein	Ave	1.735	1.849		320	300	6.6	50.0
1,1-Dichloroethene	Ave	0.3412	0.3815	0.1000	22.4	20.0	11.8	20.0
Acetone	Lin2		0.8430	0.0500	96.0	100	-4.0	50.0
Iodomethane	Ave	0.4612	0.4726		20.5	20.0	2.5	20.0
Carbon disulfide	Ave	1.202	1.401	0.1000	23.3	20.0	16.6	50.0
Isopropyl alcohol	Ave	0.8598	0.8175		190	200	-4.9	50.0
Allyl chloride	Ave	0.2011	0.2159		21.5	20.0	7.4	20.0
Cyclopentene	Ave	0.8729	0.9943		22.8	20.0	13.9	20.0
Methyl acetate	Ave	0.1705	0.1814	0.1000	42.6	40.0	6.4	20.0
Acetonitrile	Ave	0.7459	0.7431		199	200	-0.4	20.0
Methylene Chloride	Ave	0.3721	0.3893	0.1000	20.9	20.0	4.6	20.0
TBA	Ave	1.427	1.344		188	200	-5.8	50.0
Methyl tert-butyl ether	Ave	0.7668	0.7985	0.1000	20.8	20.0	4.1	20.0
trans-1,2-Dichloroethene	Ave	0.3800	0.4078	0.1000	21.5	20.0	7.3	20.0
Acrylonitrile	Ave	4.414	4.492		204	200	1.8	20.0
Hexane	Ave	0.5332	0.5892		22.1	20.0	10.5	20.0
Isopropyl ether	Ave	0.9165	1.007		22.0	20.0	9.9	20.0
1,1-Dichloroethane	Ave	0.5949	0.6390	0.2000	21.5	20.0	7.4	20.0
Vinyl acetate	Ave	0.0549	0.0558		40.7	40.0	1.6	20.0
2-Chloro-1,3-butadiene	Ave	0.3267	0.3610		22.1	20.0	10.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: CCVIS 460-727958/3 Calibration Date: 09/30/2020 19:08

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D73005.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Tert-butyl ethyl ether	Ave	0.8017	0.8573		21.4	20.0	6.9	20.0
2,2-Dichloropropane	Ave	0.1351	0.1465		21.7	20.0	8.5	20.0
cis-1,2-Dichloroethene	Ave	0.3885	0.4071	0.1000	21.0	20.0	4.8	20.0
2-Butanone (MEK)	Ave	0.4143	0.3834	0.0500	92.5	100	-7.5	50.0
Ethyl acetate	Ave	0.3516	0.3401		38.7	40.0	-3.3	20.0
Methyl acrylate	Ave	0.2035	0.2188		21.5	20.0	7.5	20.0
Propionitrile	Ave	0.4397	0.4226		192	200	-3.9	20.0
Chlorobromomethane	Ave	0.1737	0.1790		20.6	20.0	3.0	20.0
Tetrahydrofuran	Ave	0.4317	0.4257		39.4	40.0	-1.4	20.0
Methacrylonitrile	Ave	0.1026	0.1083		211	200	5.5	20.0
Chloroform	Ave	0.5577	0.5895	0.2000	21.1	20.0	5.7	20.0
Cyclohexane	Ave	0.5238	0.5845	0.1000	22.3	20.0	11.6	50.0
1,1,1-Trichloroethane	Ave	0.4562	0.5064	0.1000	22.2	20.0	11.0	20.0
Carbon tetrachloride	Ave	0.3881	0.4204	0.1000	21.7	20.0	8.3	20.0
1,1-Dichloropropene	Ave	0.4639	0.5193		22.4	20.0	11.9	20.0
Isobutyl alcohol	Ave	0.8994	0.8937		497	500	-0.6	50.0
Benzene	Ave	2.001	2.099	0.5000	21.0	20.0	4.9	20.0
Tert-amyl methyl ether	Ave	0.2284	0.2350		20.6	20.0	2.9	20.0
Isopropyl acetate	Ave	0.6212	0.6664		21.5	20.0	7.3	20.0
1,2-Dichloroethane	Ave	0.3160	0.3299	0.1000	20.9	20.0	4.4	20.0
n-Heptane	Ave	0.4897	0.5071		20.7	20.0	3.6	20.0
n-Butanol	Ave	0.3283	0.3235		493	500	-1.5	50.0
Trichloroethene	Ave	0.3509	0.3759	0.2000	21.4	20.0	7.1	20.0
Methylcyclohexane	Ave	0.6133	0.6539	0.1000	21.3	20.0	6.6	50.0
Ethyl acrylate	Ave	0.3082	0.3221		20.9	20.0	4.5	20.0
1,2-Dichloropropane	Ave	0.3167	0.3364	0.1000	21.2	20.0	6.2	20.0
Methyl methacrylate	Ave	0.0682	0.0706		41.4	40.0	3.4	20.0
1,4-Dioxane	Ave	1.459	1.554		426	400	6.5	50.0
Dibromomethane	Ave	0.1743	0.1781		20.4	20.0	2.2	20.0
n-Propyl acetate	Ave	0.3010	0.3206		21.3	20.0	6.5	20.0
Dichlorobromomethane	Ave	0.3749	0.3864	0.2000	20.6	20.0	3.1	20.0
2-Nitropropane	Ave	0.0392	0.0370		37.8	40.0	-5.6	20.0
2-Chloroethyl vinyl ether	Ave	0.1396	0.1443		20.7	20.0	3.3	20.0
Epichlorohydrin	Ave	0.2932	0.2867		391	400	-2.2	20.0
cis-1,3-Dichloropropene	Ave	0.6745	0.7043	0.2000	20.9	20.0	4.4	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.541	2.539	0.0500	99.9	100	-0.0	50.0
Toluene	Ave	2.047	2.112	0.4000	20.6	20.0	3.2	20.0
trans-1,3-Dichloropropene	Ave	0.5407	0.5560	0.1000	20.6	20.0	2.8	50.0
Ethyl methacrylate	Ave	0.3089	0.3224		20.9	20.0	4.4	20.0
1,1,2-Trichloroethane	Ave	0.3245	0.3289	0.1000	20.3	20.0	1.4	20.0
Tetrachloroethene	Ave	0.5127	0.5433	0.2000	21.2	20.0	6.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: CCVIS 460-727958/3 Calibration Date: 09/30/2020 19:08

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D73005.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.6100	0.6194		20.3	20.0	1.5	20.0
2-Hexanone	Ave	1.770	1.748	0.0500	98.8	100	-1.2	50.0
n-Butyl acetate	Ave	0.0970	0.0928		19.1	20.0	-4.3	20.0
Chlorodibromomethane	Ave	0.4023	0.3869	0.1000	19.2	20.0	-3.8	50.0
Ethylene Dibromide	Ave	0.3716	0.3715	0.1000	20.0	20.0	-0.0	20.0
Chlorobenzene	Ave	1.283	1.300	0.5000	20.3	20.0	1.3	20.0
Ethylbenzene	Ave	0.6870	0.7238	0.1000	21.1	20.0	5.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4033	0.4005		19.9	20.0	-0.7	20.0
m-Xylene & p-Xylene	Ave	0.8426	0.8782	0.1000	20.8	20.0	4.2	20.0
n-Butyl acrylate	Ave	0.2636	0.2445		18.6	20.0	-7.2	20.0
o-Xylene	Ave	0.7952	0.8077	0.3000	20.3	20.0	1.6	20.0
Styrene	Ave	1.353	1.397	0.3000	20.7	20.0	3.3	20.0
Amyl acetate (mixed isomers)	Ave	0.996	0.9911		19.9	20.0	-0.5	20.0
Bromoform	Lin2		0.2181	0.1000	17.5	20.0	-12.4	20.0
Isopropylbenzene	Ave	2.093	2.218	0.1000	21.2	20.0	6.0	20.0
Bromobenzene	Ave	1.062	1.006		18.9	20.0	-5.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9473	0.9031	0.3000	19.1	20.0	-4.7	20.0
N-Propylbenzene	Ave	5.115	5.200		20.3	20.0	1.7	20.0
1,2,3-Trichloropropane	Ave	0.2488	0.2405		19.3	20.0	-3.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2151	0.2168		20.2	20.0	0.8	20.0
4-Ethyltoluene	Ave	4.077	4.148		20.3	20.0	1.7	20.0
2-Chlorotoluene	Ave	3.290	3.353		20.4	20.0	1.9	20.0
1,3,5-Trimethylbenzene	Ave	3.423	3.415		20.0	20.0	-0.2	20.0
4-Chlorotoluene	Ave	2.953	2.993		20.3	20.0	1.4	20.0
Butyl Methacrylate	Lin2		0.9756		19.2	20.0	-4.2	20.0
tert-Butylbenzene	Ave	3.037	2.981		19.6	20.0	-1.8	20.0
1,2,4-Trimethylbenzene	Ave	3.390	3.379		19.9	20.0	-0.3	20.0
sec-Butylbenzene	Ave	4.629	4.591		19.8	20.0	-0.8	20.0
4-Isopropyltoluene	Ave	3.800	3.783		19.9	20.0	-0.4	20.0
1,3-Dichlorobenzene	Ave	1.932	1.917	0.6000	19.8	20.0	-0.8	20.0
1,4-Dichlorobenzene	Ave	1.960	1.926	0.5000	19.7	20.0	-1.7	20.0
1,2,3-Trimethylbenzene	Ave	3.390	3.345		19.7	20.0	-1.3	20.0
Benzyl chloride	Lin2		0.2582		18.4	20.0	-7.8	50.0
Indan	Ave	1.169	1.218		20.8	20.0	4.2	20.0
p-Diethylbenzene	Ave	2.190	2.192		20.0	20.0	0.0	20.0
n-Butylbenzene	Ave	2.023	2.059		20.4	20.0	1.8	20.0
1,2-Dichlorobenzene	Ave	1.822	1.754	0.4000	19.3	20.0	-3.7	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.287	3.120		19.0	20.0	-5.1	50.0
1,2-Dibromo-3-Chloropropane	Ave	0.1821	0.1660	0.0500	18.2	20.0	-8.8	50.0
1,3,5-Trichlorobenzene	Ave	1.438	1.342		18.7	20.0	-6.7	20.0
1,2,4-Trichlorobenzene	Ave	1.260	1.181	0.2000	18.7	20.0	-6.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Lab Sample ID: CCVIS 460-727958/3 Calibration Date: 09/30/2020 19:08

Instrument ID: CVOAMS4 Calib Start Date: 09/16/2020 13:42

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 09/16/2020 16:01

Lab File ID: D73005.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.5960	0.5651		19.0	20.0	-5.2	20.0
Naphthalene	Ave	2.949	2.706		18.4	20.0	-8.2	50.0
1,2,3-Trichlorobenzene	Ave	1.157	1.063		18.4	20.0	-8.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2596	0.2892		55.7	50.0	11.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2055	0.2414		58.7	50.0	17.4	20.0
Toluene-d8 (Surr)	Ave	1.389	1.515		54.5	50.0	9.0	20.0
4-Bromofluorobenzene	Ave	0.8003	0.8740		54.6	50.0	9.2	20.0

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73005.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 30-Sep-2020 19:08:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0117606-003
Operator ID: Instrument ID: CVOAMS4
Sublist: chrom-8260S_4*sub41

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 12:14:36 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1026

First Level Reviewer: parekhv Date: 30-Sep-2020 19:29:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.242	1.242	0.000	96	10841	20.0	17.8	
2 Chlorotrifluoroethene	116	1.351	1.351	0.000	90	43565	20.0	20.5	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	53787	20.0	21.9	
4 Dichlorodifluoromethane	85	1.382	1.382	0.000	98	119504	20.0	19.3	
5 Chlorodifluoromethane	51	1.412	1.412	0.000	99	113215	20.0	22.5	
6 Chloromethane	50	1.571	1.571	0.000	99	108294	20.0	19.5	
8 Vinyl chloride	62	1.668	1.668	0.000	98	95736	20.0	20.3	
7 Butadiene	54	1.699	1.699	0.000	96	88128	20.0	21.5	
9 Bromomethane	94	1.998	1.998	0.000	99	48386	20.0	20.3	
10 Chloroethane	64	2.095	2.095	0.000	100	43911	20.0	19.5	
13 Trichlorofluoromethane	101	2.308	2.308	0.000	99	123713	20.0	20.2	
11 Dichlorofluoromethane	67	2.308	2.308	0.000	98	138659	20.0	19.8	
12 Pentane	72	2.363	2.363	0.000	97	33901	40.0	44.0	
15 Ethanol	46	2.583	2.583	0.000	93	14008	800.0	877.4	
14 Ethyl ether	59	2.607	2.607	0.000	92	59025	20.0	21.8	
16 2-Methyl-1,3-butadiene	53	2.613	2.613	0.000	96	80227	20.0	23.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.668	2.668	0.000	89	74904	20.0	21.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.735	2.735	0.000	96	125788	20.0	21.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.790	2.790	0.000	97	88987	20.0	21.9	
19 Acrolein	56	2.802	2.802	0.000	95	126253	300.0	319.7	
21 1,1-Dichloroethene	96	2.827	2.827	0.000	96	84089	20.0	22.4	
22 Acetone	43	2.949	2.949	0.000	88	77370	100.0	96.0	
23 Iodomethane	142	2.997	2.997	0.000	97	104161	20.0	20.5	
24 Carbon disulfide	76	3.028	3.028	0.000	98	308859	20.0	23.3	
25 Isopropyl alcohol	45	3.083	3.083	0.000	98	37216	200.0	190.2	
26 3-Chloro-1-propene	76	3.211	3.211	0.000	94	47595	20.0	21.5	
28 Cyclopentene	67	3.223	3.223	0.000	94	219157	20.0	22.8	
27 Methyl acetate	43	3.241	3.241	0.000	99	79977	40.0	42.6	
29 Acetonitrile	40	3.302	3.302	0.000	99	33831	200.0	199.2	
30 Methylene Chloride	84	3.363	3.363	0.000	89	85798	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.388	3.388	0.000	0	227633	1000.0	1000.0	
32 2-Methyl-2-propanol	59	3.467	3.467	0.000	99	61189	200.0	188.4	
33 Methyl tert-butyl ether	73	3.558	3.558	0.000	97	175991	20.0	20.8	
34 trans-1,2-Dichloroethene	96	3.589	3.589	0.000	93	89886	20.0	21.5	
35 Acrylonitrile	53	3.686	3.686	0.000	95	204522	200.0	203.5	
36 Hexane	57	3.778	3.778	0.000	90	129858	20.0	22.1	
37 Isopropyl ether	45	4.046	4.046	0.000	97	221947	20.0	22.0	
38 1,1-Dichloroethane	63	4.070	4.070	0.000	99	140847	20.0	21.5	
39 Vinyl acetate	86	4.107	4.107	0.000	100	24589	40.0	40.7	
40 2-Chloro-1,3-butadiene	88	4.119	4.119	0.000	87	79556	20.0	22.1	
41 Tert-butyl ethyl ether	59	4.430	4.430	0.000	90	188953	20.0	21.4	
43 2,2-Dichloropropane	79	4.662	4.662	0.000	96	32292	20.0	21.7	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	93	229457	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.704	4.704	0.000	98	89722	20.0	21.0	
45 2-Butanone (MEK)	72	4.735	4.735	0.000	100	35189	100.0	92.5	
46 Ethyl acetate	70	4.753	4.753	0.000	97	12487	40.0	38.7	
47 Methyl acrylate	55	4.808	4.808	0.000	100	48232	20.0	21.5	
48 Propionitrile	54	4.893	4.893	0.000	99	77581	200.0	192.3	
49 Chlorobromomethane	128	4.973	4.973	0.000	82	39459	20.0	20.6	
50 Tetrahydrofuran	72	4.973	4.973	0.000	59	15630	40.0	39.4	
51 Methacrylonitrile	67	5.015	5.015	0.000	89	238594	200.0	211.0	
52 Chloroform	83	5.052	5.052	0.000	100	129936	20.0	21.1	
53 Cyclohexane	84	5.180	5.180	0.000	89	128835	20.0	22.3	
54 1,1,1-Trichloroethane	97	5.204	5.204	0.000	98	111607	20.0	22.2	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	159354	50.0	55.7	
56 Carbon tetrachloride	117	5.351	5.351	0.000	99	92665	20.0	21.7	
57 1,1-Dichloropropene	75	5.399	5.399	0.000	98	114455	20.0	22.4	
58 Isobutyl alcohol	43	5.601	5.601	0.000	91	101721	500.0	496.9	
59 Benzene	78	5.631	5.631	0.000	95	318435	20.0	21.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	95	133009	50.0	58.7	
61 Tert-amyl methyl ether	87	5.735	5.735	0.000	92	51791	20.0	20.6	
62 Isopropyl acetate	43	5.741	5.741	0.000	99	146877	20.0	21.5	
63 1,2-Dichloroethane	62	5.759	5.759	0.000	95	72722	20.0	20.9	
64 n-Heptane	43	5.850	5.850	0.000	89	111773	20.0	20.7	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	551016	50.0	50.0	
66 n-Butanol	56	6.424	6.424	0.000	86	36818	500.0	492.7	
67 Trichloroethene	95	6.436	6.436	0.000	98	82840	20.0	21.4	
68 Methylcyclohexane	83	6.576	6.576	0.000	94	144113	20.0	21.3	
69 Ethyl acrylate	55	6.619	6.619	0.000	98	70985	20.0	20.9	
70 1,2-Dichloropropane	63	6.783	6.783	0.000	95	74146	20.0	21.2	
* 71 1,4-Dioxane-d8	96	6.869	6.869	0.000	0	23799	1000.0	1000.0	
72 Methyl methacrylate	100	6.905	6.905	0.000	85	31115	40.0	41.4	
73 1,4-Dioxane	88	6.930	6.930	0.000	92	14789	400.0	426.0	
74 Dibromomethane	93	6.936	6.936	0.000	97	39249	20.0	20.4	
75 n-Propyl acetate	43	6.978	6.978	0.000	97	70656	20.0	21.3	
76 Dichlorobromomethane	83	7.112	7.112	0.000	99	85163	20.0	20.6	
77 2-Nitropropane	41	7.454	7.454	0.000	98	16300	40.0	37.8	
78 2-Chloroethyl vinyl ether	63	7.472	7.472	0.000	95	31873	20.0	20.7	
79 Epichlorohydrin	57	7.564	7.564	0.000	100	105272	400.0	391.1	
80 cis-1,3-Dichloropropene	75	7.612	7.612	0.000	88	106852	20.0	20.9	
81 4-Methyl-2-pentanone (MIBK)	43	7.771	7.771	0.000	95	233045	100.0	99.9	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	574638	50.0	54.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	7.899	7.899	0.000	93	320436	20.0	20.6	
84 trans-1,3-Dichloropropene	75	8.204	8.204	0.000	95	84356	20.0	20.6	
85 Ethyl methacrylate	69	8.234	8.234	0.000	87	71064	20.0	20.9	
86 1,1,2-Trichloroethane	83	8.374	8.374	0.000	98	49908	20.0	20.3	
87 Tetrachloroethene	166	8.399	8.399	0.000	97	82435	20.0	21.2	
88 1,3-Dichloropropane	76	8.533	8.533	0.000	89	93983	20.0	20.3	
89 2-Hexanone	43	8.582	8.582	0.000	94	160415	100.0	98.8	
90 n-Butyl acetate	73	8.667	8.667	0.000	99	14076	20.0	19.1	
91 Chlorodibromomethane	129	8.704	8.704	0.000	98	58698	20.0	19.2	
92 Ethylene Dibromide	107	8.813	8.813	0.000	98	56368	20.0	20.0	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	379309	50.0	50.0	
94 Chlorobenzene	112	9.216	9.216	0.000	98	197222	20.0	20.3	
95 Ethylbenzene	106	9.277	9.277	0.000	98	109811	20.0	21.1	
96 1,1,1,2-Tetrachloroethane	131	9.295	9.295	0.000	97	60758	20.0	19.9	
97 m-Xylene & p-Xylene	106	9.380	9.380	0.000	100	133246	20.0	20.8	
98 n-Butyl acrylate	73	9.685	9.685	0.000	98	37100	20.0	18.6	
99 o-Xylene	106	9.709	9.709	0.000	94	122541	20.0	20.3	
100 Styrene	104	9.734	9.734	0.000	97	212000	20.0	20.7	
101 Amyl acetate (mixed isomers)	43	9.856	9.856	0.000	91	75464	20.0	19.9	
102 Bromoform	173	9.905	9.905	0.000	96	33086	20.0	17.5	
103 Isopropylbenzene	105	9.990	9.990	0.000	95	336505	20.0	21.2	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	166358	50.0	54.6	
105 Bromobenzene	156	10.264	10.264	0.000	97	76567	20.0	18.9	
106 1,1,2,2-Tetrachloroethane	83	10.283	10.283	0.000	99	68761	20.0	19.1	
107 N-Propylbenzene	91	10.307	10.307	0.000	99	395902	20.0	20.3	
108 1,2,3-Trichloropropane	110	10.325	10.325	0.000	97	18312	20.0	19.3	
109 trans-1,4-Dichloro-2-butene	53	10.337	10.337	0.000	85	16506	20.0	20.2	
110 4-Ethyltoluene	105	10.392	10.392	0.000	99	315809	20.0	20.3	
111 2-Chlorotoluene	91	10.398	10.398	0.000	96	255304	20.0	20.4	
112 1,3,5-Trimethylbenzene	105	10.441	10.441	0.000	93	260009	20.0	20.0	
113 4-Chlorotoluene	91	10.484	10.484	0.000	97	227887	20.0	20.3	
114 Butyl Methacrylate	87	10.502	10.502	0.000	87	74278	20.0	19.2	
115 tert-Butylbenzene	119	10.679	10.679	0.000	95	226986	20.0	19.6	
116 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	257290	20.0	19.9	
117 sec-Butylbenzene	105	10.843	10.843	0.000	100	349588	20.0	19.8	
118 4-Isopropyltoluene	119	10.941	10.941	0.000	98	288023	20.0	19.9	
119 1,3-Dichlorobenzene	146	10.959	10.959	0.000	97	145981	20.0	19.8	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	95	190348	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.032	11.032	0.000	95	146680	20.0	19.7	
122 1,2,3-Trimethylbenzene	105	11.039	11.039	0.000	98	254664	20.0	19.7	
123 Benzyl chloride	126	11.136	11.136	0.000	99	19660	20.0	18.4	
124 2,3-Dihydroindene	117	11.191	11.191	0.000	94	268517	20.0	20.8	
125 p-Diethylbenzene	119	11.221	11.221	0.000	93	166900	20.0	20.0	
126 n-Butylbenzene	92	11.240	11.240	0.000	97	156763	20.0	20.4	
127 1,2-Dichlorobenzene	146	11.307	11.307	0.000	97	133520	20.0	19.3	
128 1,2,4,5-Tetramethylbenzene	119	11.819	11.819	0.000	97	237536	20.0	19.0	
129 1,2-Dibromo-3-Chloropropane	157	11.935	11.935	0.000	94	12642	20.0	18.2	
130 1,3,5-Trichlorobenzene	180	12.057	12.057	0.000	98	102184	20.0	18.7	
131 1,2,4-Trichlorobenzene	180	12.660	12.660	0.000	94	89925	20.0	18.7	
132 Hexachlorobutadiene	225	12.764	12.764	0.000	91	43028	20.0	19.0	
133 Naphthalene	128	12.934	12.934	0.000	100	206065	20.0	18.4	
134 1,2,3-Trichlorobenzene	180	13.209	13.209	0.000	96	80930	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 135 1,2-Dichloroethene, Total	100				0		40.0	42.4	
S 136 1,3-Dichloropropene, Total	100				0		40.0	41.4	
S 137 Xylenes, Total	100				0		40.0	41.2	
S 138 Total BTEX	1				0		100.0	103.8	

QC Flag Legend

Processing Flags

Reagents:

GASES Li_00388	Amount Added:	2.00	Units: uL	
ACROLEIN W_00112	Amount Added:	3.00	Units: uL	
524freon_00027	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 01-Oct-2020 12:14:38 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73005.D

Injection Date: 30-Sep-2020 19:08:30 Instrument ID: CVOAMS4 Operator ID:

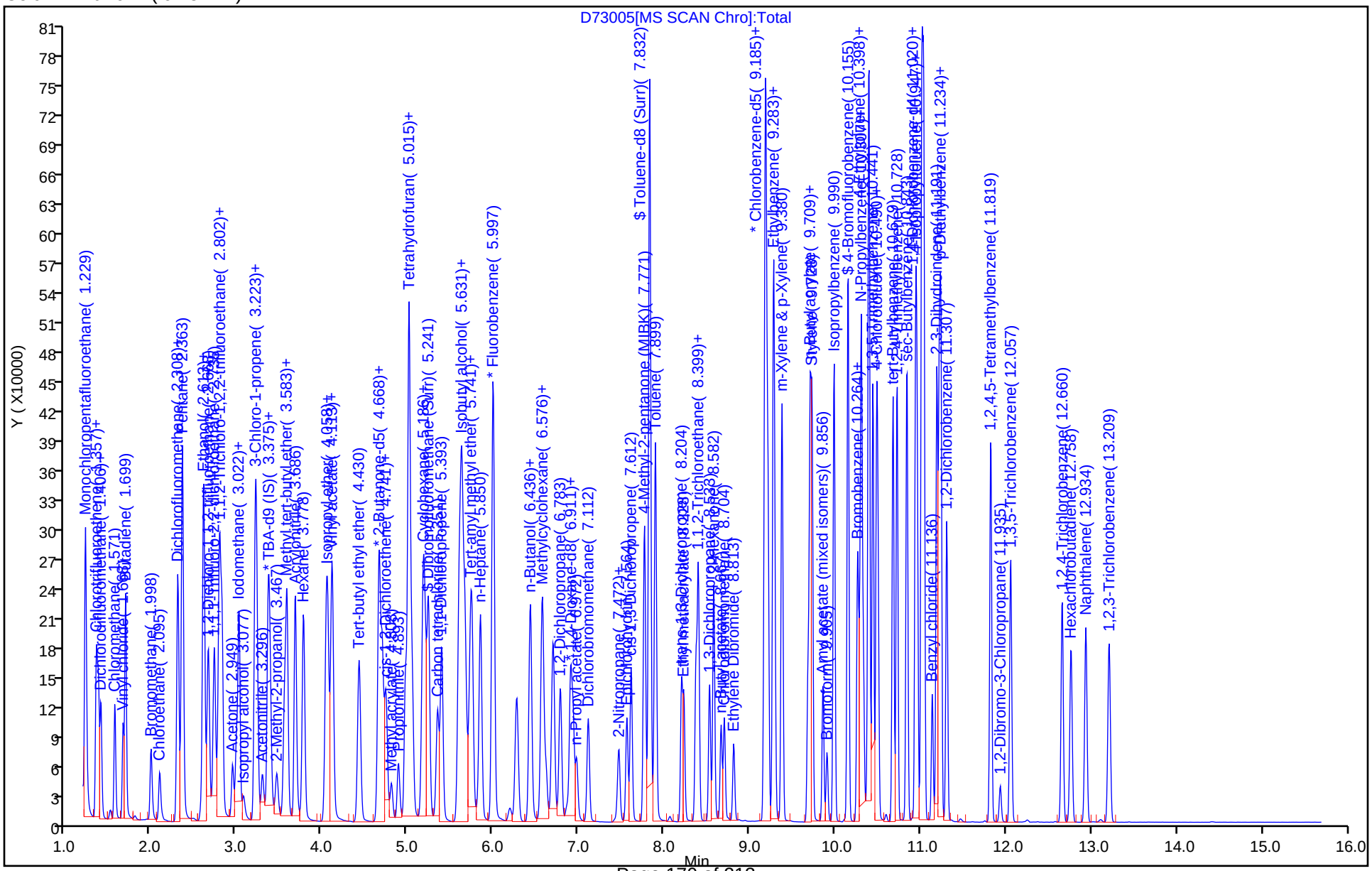
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72375.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 16-Sep-2020 12:26:30 ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 460-0116852-001
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 17-Sep-2020 13:07:10 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1033

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.951	2.951	0.000	90	29268	NR	NR	

QC Flag Legend

Processing Flags
NR - Missing Quant Standard

Reagents:

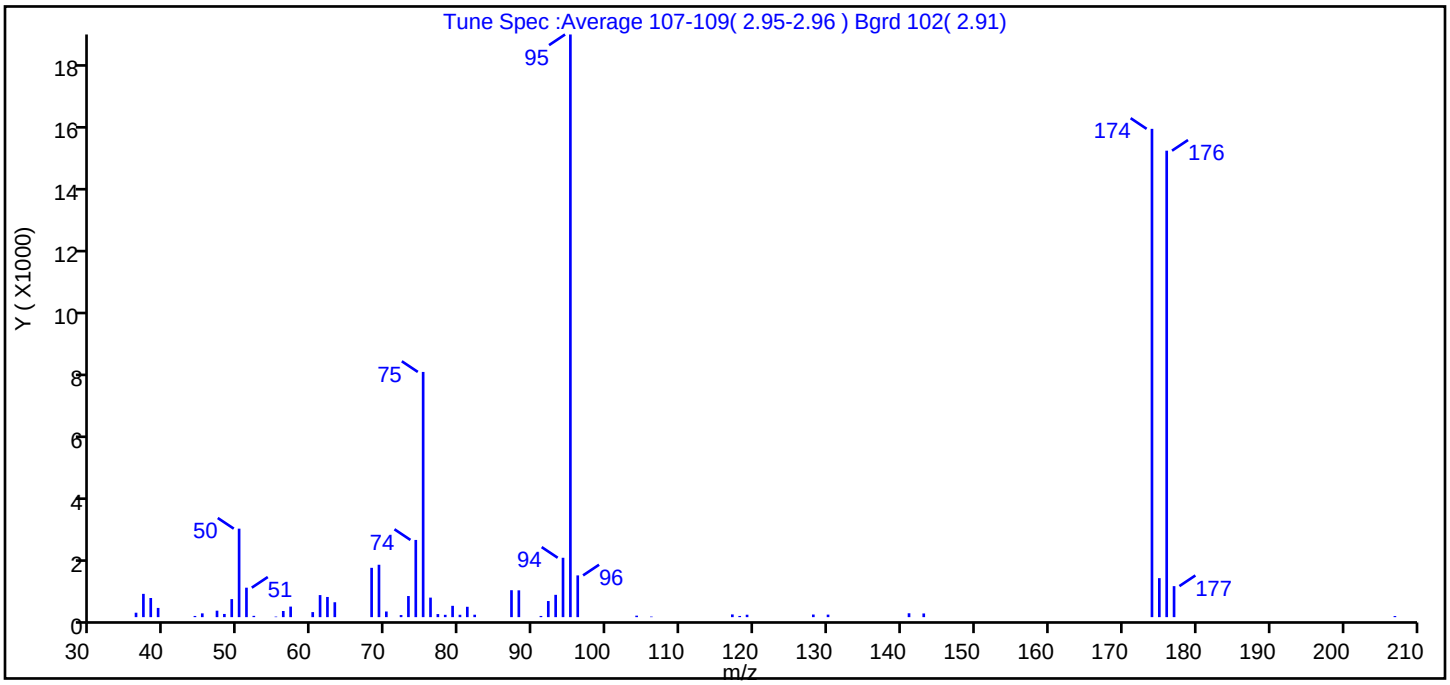
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72375.D
Injection Date: 16-Sep-2020 12:26:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.2
75	30 to 60% of m/z 95	42.1
96	5 to 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.8
175	5 to 9% of m/z 174	6.7 (8.0)
176	Greater than 95% but less than 101% of m/z 174	80.1 (95.5)
177	5 to 9% of m/z 176	5.3 (6.6)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72375.D\8260S_4.rslt\spectra.d
Injection Date: 16-Sep-2020 12:26:30
Spectrum: Tune Spec :Average 107-109(2.95-2.96) Bgrd 102(2.91)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 55

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	137	57.00	326	78.00	72	106.00	17
37.00	720	60.00	156	79.00	350	117.00	84
38.00	592	61.00	682	80.00	73	118.00	37
39.00	285	62.00	624	81.00	320	119.00	75
44.00	37	63.00	461	82.00	75	128.00	81
45.00	117	68.00	1525	87.00	833	130.00	78
47.00	200	69.00	1620	88.00	829	141.00	120
48.00	99	70.00	175	91.00	37	143.00	114
49.00	558	72.00	65	92.00	498	174.00	15098
50.00	2736	73.00	653	93.00	690	175.00	1206
51.00	911	74.00	2387	94.00	1836	176.00	14423
52.00	40	75.00	7582	95.00	18016	177.00	959
55.00	17	76.00	604	96.00	1291	207.00	34
56.00	190	77.00	95	104.00	46		

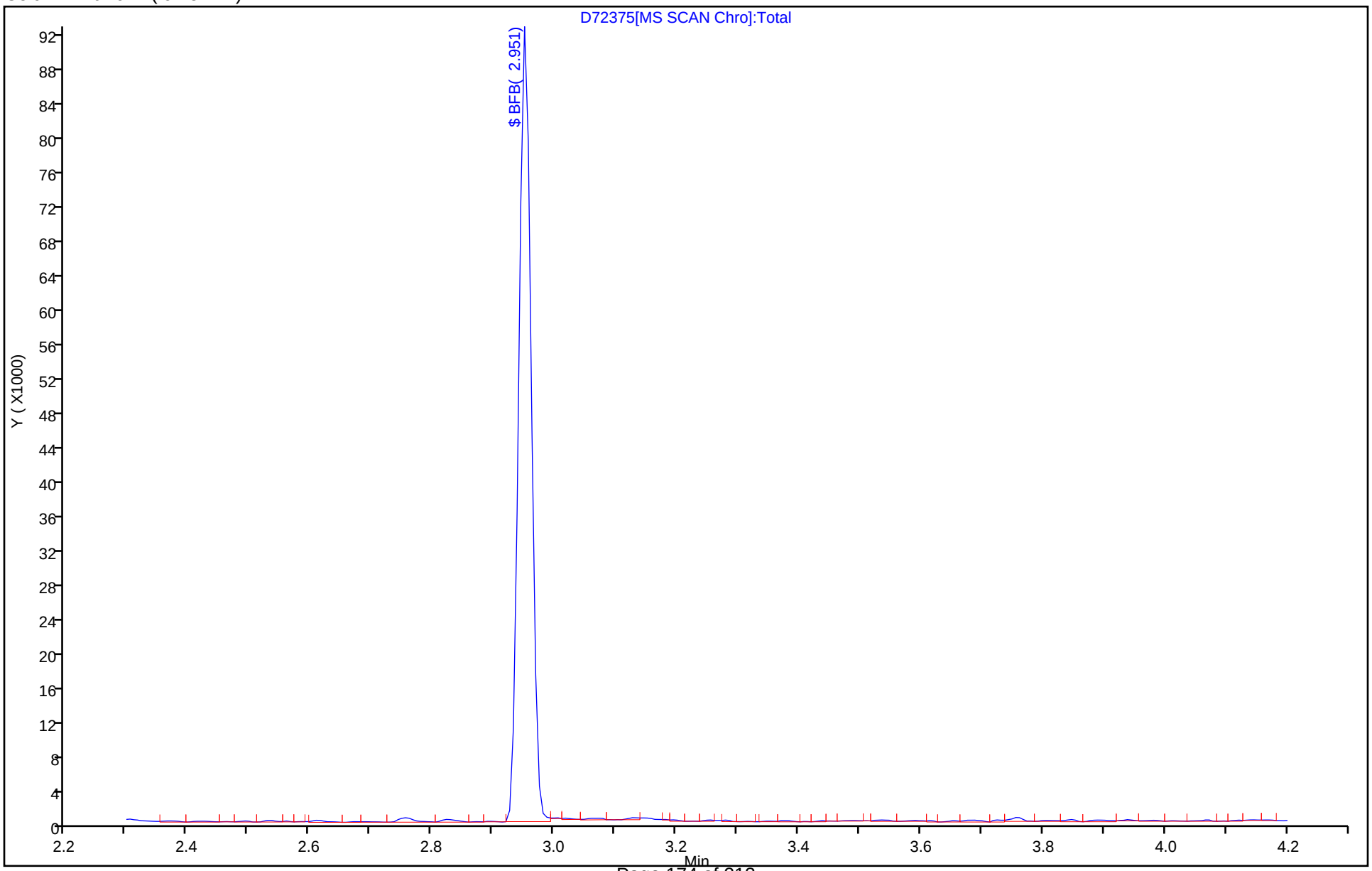
Report Date: 17-Sep-2020 13:07:11 Chrom Revision: 2.3 16-Sep-2020 17:17:04

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72375.D

Injection Date:	16-Sep-2020 12:26:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73003.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	30-Sep-2020 18:27:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0117606-001				
Operator ID:		Instrument ID:	CVOAMS4		
Method:	\\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m				
Limit Group:	VOA - 8260C Water and Solid				
Last Update:	30-Sep-2020 18:33:59	Calib Date:	16-Sep-2020 16:01:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1035				
First Level Reviewer: parekhv		Date:	30-Sep-2020 18:33:59		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 139 BFB	95	2.951	2.951	0.000	88	56247	NR	NR	

QC Flag Legend

Processing Flags

NR - Missing Quant Standard

Reagents:

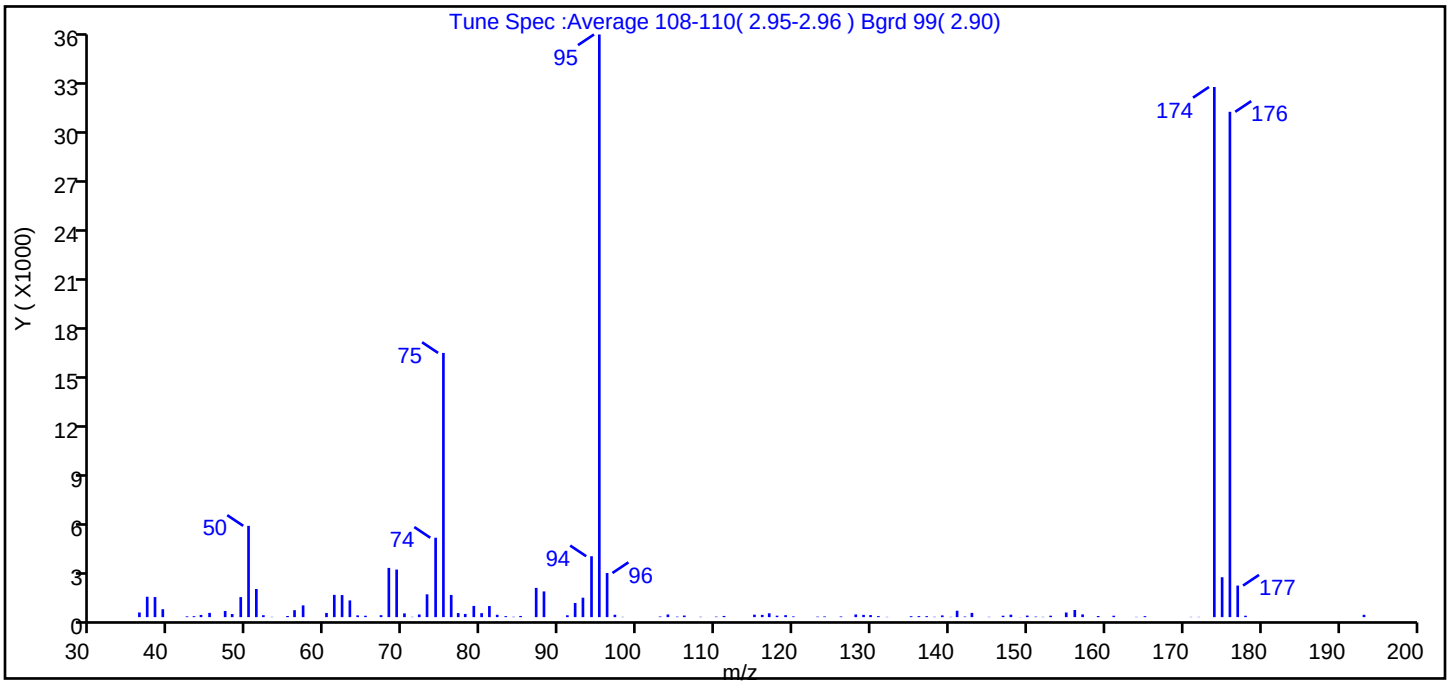
BFB_00026 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73003.D
Injection Date: 30-Sep-2020 18:27:30 Instrument ID: CVOAMS4
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Tune Method: BFB Method 8260

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.7
75	30 to 60% of m/z 95	45.3
96	5 to 9% of m/z 95	7.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	91.0
175	5 to 9% of m/z 174	6.9 (7.5)
176	Greater than 95% but less than 101% of m/z 174	86.7 (95.3)
177	5 to 9% of m/z 176	5.4 (6.2)

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73003.D\8260S_4.rslt\spectra.d
Injection Date: 30-Sep-2020 18:27:30
Spectrum: Tune Spec :Average 108-110(2.95-2.96) Bgrd 99(2.90)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 107

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	287	70.00	231	104.00	164	141.00	396
37.00	1258	71.00	18	105.00	31	142.00	37
38.00	1240	72.00	164	106.00	99	143.00	263
39.00	489	73.00	1406	108.00	22	145.00	20
42.00	49	74.00	4897	109.00	2	147.00	87
43.00	60	75.00	16296	110.00	32	148.00	151
44.00	135	76.00	1368	111.00	74	149.00	9
45.00	263	77.00	252	115.00	152	150.00	97
47.00	381	78.00	197	116.00	140	151.00	34
48.00	193	79.00	692	117.00	237	152.00	18
49.00	1237	80.00	247	118.00	91	153.00	90
50.00	5631	81.00	686	119.00	121	155.00	286
51.00	1736	82.00	145	120.00	44	156.00	441
52.00	119	83.00	63	123.00	31	157.00	169
53.00	18	84.00	23	124.00	43	159.00	70
55.00	71	85.00	74	126.00	41	161.00	87
56.00	431	87.00	1804	128.00	165	164.00	17
57.00	725	88.00	1587	129.00	140	165.00	62
60.00	258	91.00	114	130.00	128	171.00	16
61.00	1374	92.00	872	131.00	64	172.00	16
62.00	1362	93.00	1200	132.00	16	174.00	32696
63.00	1032	94.00	3757	135.00	59	175.00	2462
64.00	109	95.00	35936	136.00	64	176.00	31168
65.00	87	96.00	2722	137.00	61	177.00	1947
67.00	121	97.00	147	138.00	22	178.00	88
68.00	3037	98.00	17	139.00	106	193.00	144
69.00	2935	103.00	39	140.00	19		

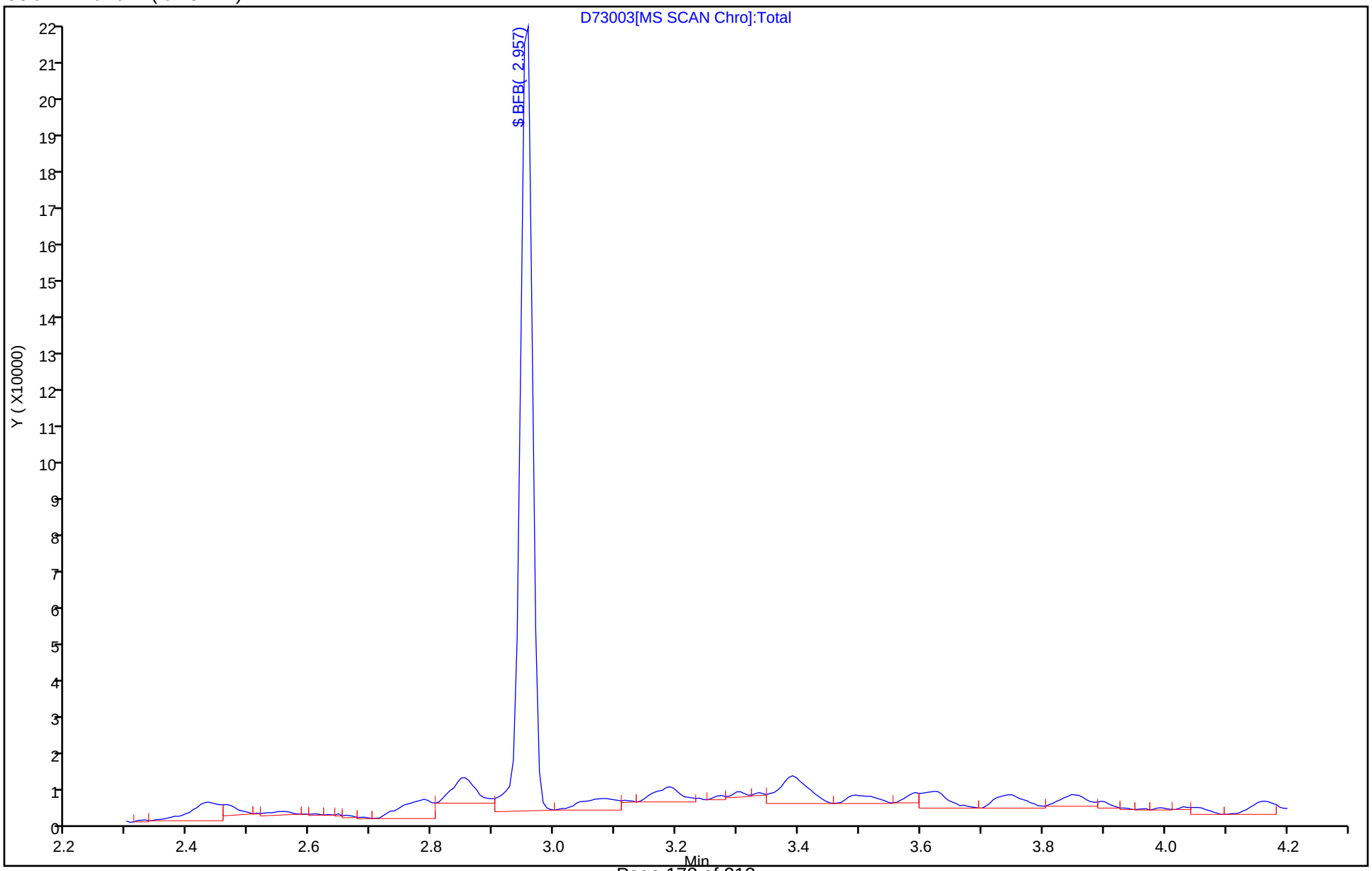
Report Date: 30-Sep-2020 18:33:59 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73003.D

Injection Date:	30-Sep-2020 18:27:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	5.0 mL	Dil. Factor:	1.0000	ALS Bottle#:	99
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-727958/8

Matrix: Solid Lab File ID: D73010.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 21:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0010	U	0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0010	U	0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0010	U	0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0010	U	0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0010	U	0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0010	U	0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023
123-91-1	1,4-Dioxane	0.020	U	0.020	0.0092
78-93-3	2-Butanone (MEK)	0.0050	U	0.0050	0.0027
591-78-6	2-Hexanone	0.0050	U	0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016
67-64-1	Acetone	0.0060	U	0.0060	0.0057
107-02-8	Acrolein	0.10	U	0.10	0.028
107-13-1	Acrylonitrile	0.010	U	0.010	0.0016
71-43-2	Benzene	0.0010	U	0.0010	0.00026
75-25-2	Bromoform	0.0010	U	0.0010	0.00043
74-83-9	Bromomethane	0.0010	U	0.0010	0.00047
75-15-0	Carbon disulfide	0.0010	U	0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0010	U	0.0010	0.00039
108-90-7	Chlorobenzene	0.0010	U	0.0010	0.00018
74-97-5	Chlorobromomethane	0.0010	U	0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0010	U	0.0010	0.00019
75-00-3	Chloroethane	0.0010	U	0.0010	0.00052
67-66-3	Chloroform	0.0010	U	0.0010	0.00032
74-87-3	Chloromethane	0.0010	U	0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
110-82-7	Cyclohexane	0.0010	U	0.0010	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 460-727958/8

Matrix: Solid Lab File ID: D73010.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 21:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.0010	U	0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0010	U	0.0010	0.00034
100-41-4	Ethylbenzene	0.0010	U	0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0010	U	0.0010	0.00018
98-82-8	Isopropylbenzene	0.0010	U	0.0010	0.00013
79-20-9	Methyl acetate	0.0050	U	0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0010	U	0.0010	0.00013
108-87-2	Methylcyclohexane	0.0010	U	0.0010	0.00050
75-09-2	Methylene Chloride	0.0010	U	0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017
95-47-6	o-Xylene	0.0010	U	0.0010	0.00019
100-42-5	Styrene	0.0010	U	0.0010	0.00028
75-65-0	TBA	0.010	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0010	U	0.0010	0.00014
108-88-3	Toluene	0.0010	U	0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027
79-01-6	Trichloroethene	0.0010	U	0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0010	U	0.0010	0.00041
75-01-4	Vinyl chloride	0.0010	U	0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	121		77-145
460-00-4	4-Bromofluorobenzene	107		79-125
1868-53-7	Dibromofluoromethane (Surr)	116		48-150
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73010.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 30-Sep-2020 21:26:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0117606-008
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 12:17:27 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1026

First Level Reviewer: delpolitov Date: 01-Oct-2020 12:17:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 31 TBA-d9 (IS)	65	3.381	3.388	-0.007	0	204603	1000.0	1000.0	
* 42 2-Butanone-d5	46	4.662	4.668	-0.006	47	212925	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	160303	50.0	58.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.661	5.662	-0.001	95	132013	50.0	60.4	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	532082	50.0	50.0	
* 71 1,4-Dioxane-d8	96	6.862	6.869	-0.007	0	20355	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	7.826	7.832	-0.006	99	564913	50.0	54.2	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	374820	50.0	50.0	
$ 104 4-Bromofluorobenzene	174	10.148	10.155	-0.007	0	158447	50.0	53.5	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	94	184955	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

8260ISNEW_00119 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00210 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 01-Oct-2020 12:17:27 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73010.D

Injection Date: 30-Sep-2020 21:26:30 Instrument ID: CVOAMS4 Operator ID:

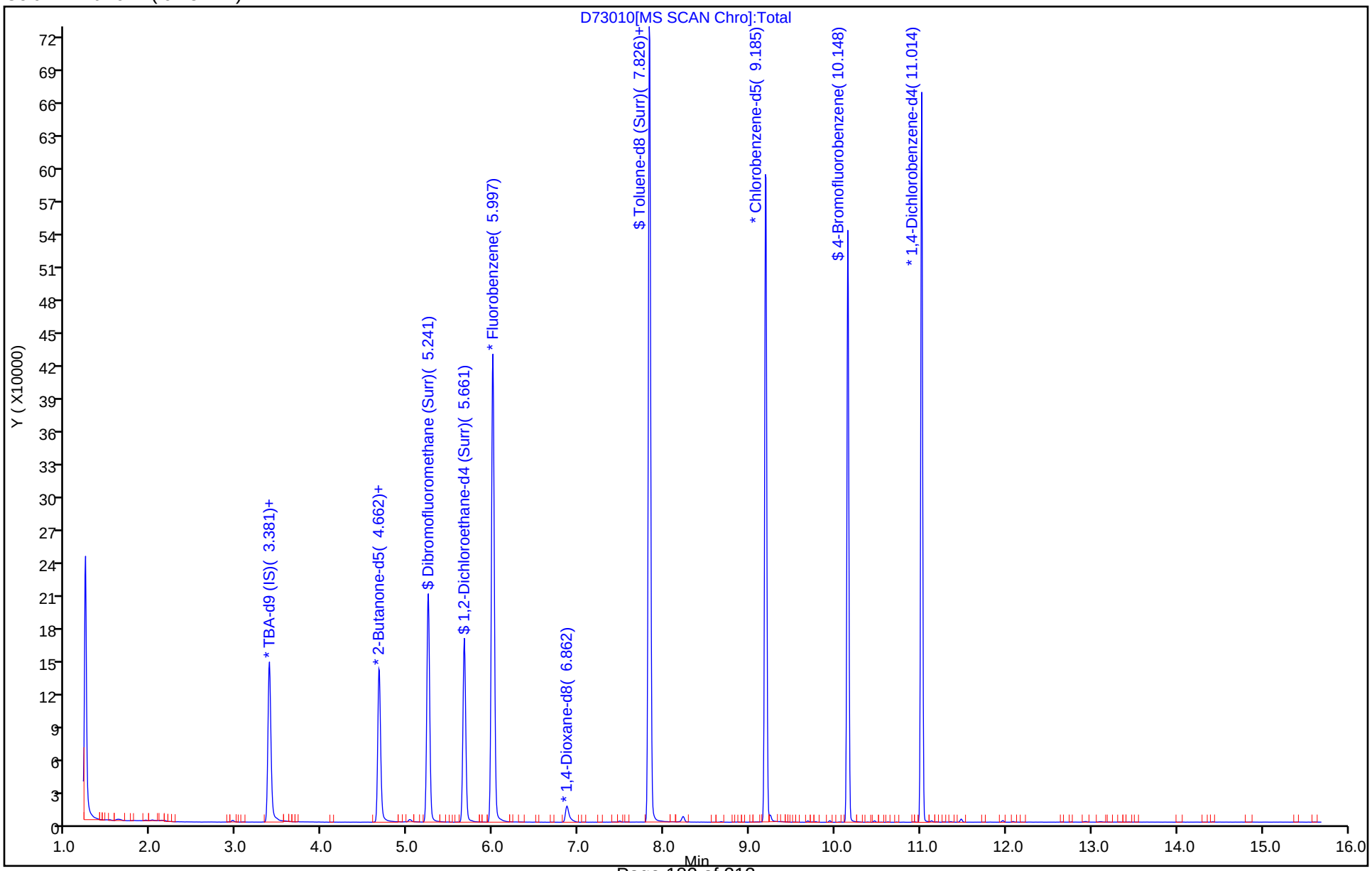
Lims ID: MB Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid

Column: Rtx-624 (0.25 mm)



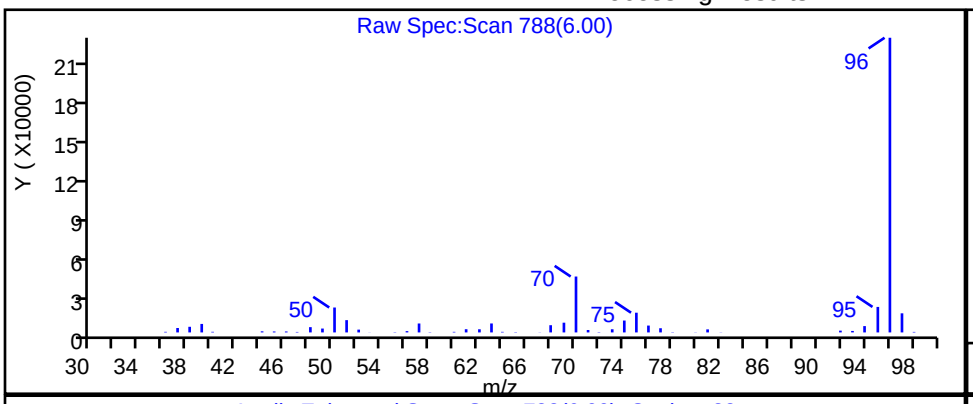
User Disabled Compound Report

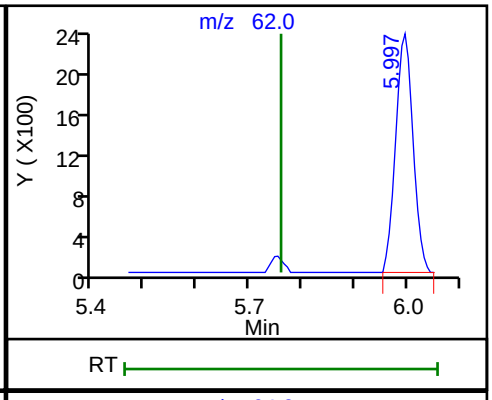
Eurofins TestAmerica, Edison

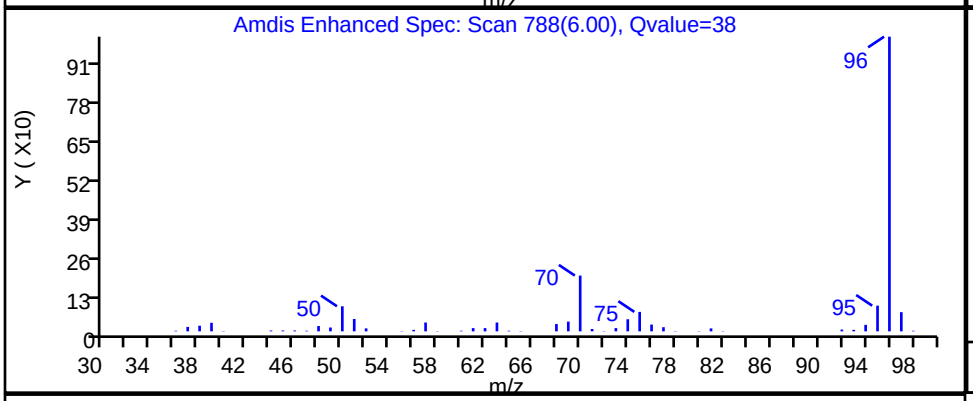
Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73010.D
Injection Date: 30-Sep-2020 21:26:30 Instrument ID: CVOAMS4
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260S_4 Limit Group: VOA - 8260C Water and Solid
Column: Rtx-624 (0.25 mm) Detector MS SCAN

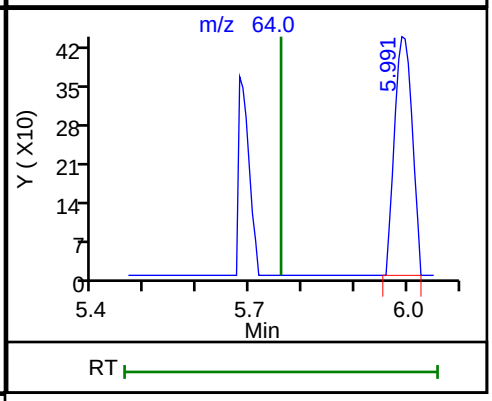
63 1,2-Dichloroethane, CAS: 107-06-2

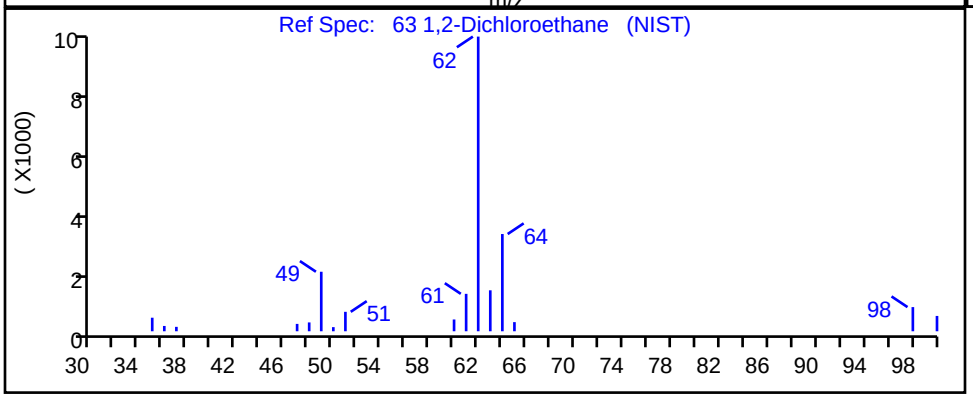
Processing Results











RT	Mass	Response	Amount
6.00	62.00	5448	1.620081
5.99	64.00	1035	

Reviewer: parekhv, 30-Sep-2020 21:58:09
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-727958/4

Matrix: Solid Lab File ID: D73006.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 19:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0212		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0185		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0206		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0196		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0210		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0213		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0174		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0177		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0175		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0182		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0201		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0209		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0188		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0188		0.0010	0.00023
123-91-1	1,4-Dioxane	0.410		0.020	0.0092
78-93-3	2-Butanone (MEK)	0.0924		0.0050	0.0027
591-78-6	2-Hexanone	0.0977		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0979		0.0050	0.0016
67-64-1	Acetone	0.0931		0.0060	0.0057
107-02-8	Acrolein	0.275		0.10	0.028
107-13-1	Acrylonitrile	0.197		0.010	0.0016
71-43-2	Benzene	0.0204		0.0010	0.00026
75-25-2	Bromoform	0.0171		0.0010	0.00043
74-83-9	Bromomethane	0.0196		0.0010	0.00047
75-15-0	Carbon disulfide	0.0213		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0210		0.0010	0.00039
108-90-7	Chlorobenzene	0.0195		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0200		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0187		0.0010	0.00019
75-00-3	Chloroethane	0.0198		0.0010	0.00052
67-66-3	Chloroform	0.0206		0.0010	0.00032
74-87-3	Chloromethane	0.0187		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0205		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0203		0.0010	0.00027
110-82-7	Cyclohexane	0.0206		0.0010	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-727958/4

Matrix: Solid Lab File ID: D73006.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 19:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.0201		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0184		0.0010	0.00034
100-41-4	Ethylbenzene	0.0197		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0192		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0196		0.0010	0.00013
79-20-9	Methyl acetate	0.0419		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0204		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0197		0.0010	0.00050
75-09-2	Methylene Chloride	0.0200		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0197		0.0010	0.00017
95-47-6	o-Xylene	0.0196		0.0010	0.00019
100-42-5	Styrene	0.0197		0.0010	0.00028
75-65-0	TBA	0.179		0.010	0.0033
127-18-4	Tetrachloroethene	0.0199		0.0010	0.00014
108-88-3	Toluene	0.0198		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0207		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0201		0.0010	0.00027
79-01-6	Trichloroethene	0.0209		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0193		0.0010	0.00041
75-01-4	Vinyl chloride	0.0197		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		77-145
460-00-4	4-Bromofluorobenzene	103		79-125
1868-53-7	Dibromofluoromethane (Surr)	103		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73006.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 30-Sep-2020 19:35:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0117606-004
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 12:14:36 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1026

First Level Reviewer: parekhv Date: 30-Sep-2020 20:12:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.242	1.242	0.000	93	10293	20.0	15.9	
2 Chlorotrifluoroethene	116	1.351	1.351	0.000	90	42664	20.0	18.8	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	52958	20.0	20.2	
4 Dichlorodifluoromethane	85	1.382	1.382	0.000	98	121503	20.0	18.4	
5 Chlorodifluoromethane	51	1.412	1.412	0.000	99	108499	20.0	20.3	
6 Chloromethane	50	1.571	1.571	0.000	99	110360	20.0	18.7	
8 Vinyl chloride	62	1.668	1.668	0.000	98	99337	20.0	19.7	
7 Butadiene	54	1.699	1.699	0.000	96	90910	20.0	20.8	
9 Bromomethane	94	1.998	1.998	0.000	99	49819	20.0	19.6	
10 Chloroethane	64	2.101	2.095	0.006	100	47451	20.0	19.8	
13 Trichlorofluoromethane	101	2.309	2.308	0.001	98	126415	20.0	19.3	
11 Dichlorofluoromethane	67	2.315	2.308	0.007	98	141956	20.0	19.1	
12 Pentane	72	2.363	2.363	0.000	97	33036	40.0	40.3	
15 Ethanol	46	2.583	2.583	0.000	93	13528	800.0	794.7	
14 Ethyl ether	59	2.607	2.607	0.000	96	60370	20.0	20.9	
16 2-Methyl-1,3-butadiene	53	2.613	2.613	0.000	95	82416	20.0	22.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.668	2.668	0.000	89	72969	20.0	19.6	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.735	2.735	0.000	95	124646	20.0	20.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.796	2.790	0.006	96	89200	20.0	20.6	
19 Acrolein	56	2.802	2.802	0.000	95	115804	300.0	275.2	
21 1,1-Dichloroethene	96	2.827	2.827	0.000	96	85260	20.0	21.3	
22 Acetone	43	2.949	2.949	0.000	89	79287	100.0	93.1	
23 Iodomethane	142	2.997	2.997	0.000	97	111752	20.0	20.6	
24 Carbon disulfide	76	3.028	3.028	0.000	98	300273	20.0	21.3	
25 Isopropyl alcohol	45	3.083	3.083	0.000	98	37701	200.0	180.8	
26 3-Chloro-1-propene	76	3.211	3.211	0.000	95	48982	20.0	20.7	
28 Cyclopentene	67	3.229	3.223	0.006	94	223552	20.0	21.8	
27 Methyl acetate	43	3.241	3.241	0.000	99	83981	40.0	41.9	
29 Acetonitrile	40	3.302	3.302	0.000	99	36044	200.0	199.2	
30 Methylene Chloride	84	3.363	3.363	0.000	88	87334	20.0	20.0	
* 31 TBA-d9 (IS)	65	3.388	3.388	0.000	0	242558	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.467	3.467	0.000	99	61801	200.0	178.6	
33 Methyl tert-butyl ether	73	3.564	3.558	0.006	97	183431	20.0	20.4	
34 trans-1,2-Dichloroethene	96	3.589	3.589	0.000	93	92581	20.0	20.7	
35 Acrylonitrile	53	3.686	3.686	0.000	95	210989	200.0	197.0	
36 Hexane	57	3.778	3.778	0.000	90	127189	20.0	20.3	
37 Isopropyl ether	45	4.046	4.046	0.000	98	230012	20.0	21.4	
38 1,1-Dichloroethane	63	4.070	4.070	0.000	99	146957	20.0	21.0	
39 Vinyl acetate	86	4.107	4.107	0.000	100	24926	40.0	38.7	
40 2-Chloro-1,3-butadiene	88	4.119	4.119	0.000	88	79844	20.0	20.8	
41 Tert-butyl ethyl ether	59	4.430	4.430	0.000	89	196804	20.0	20.9	
43 2,2-Dichloropropane	79	4.662	4.662	0.000	96	33404	20.0	21.1	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	93	242258	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.704	4.704	0.000	99	93743	20.0	20.5	
45 2-Butanone (MEK)	72	4.735	4.735	0.000	99	37098	100.0	92.4	
46 Ethyl acetate	70	4.753	4.753	0.000	97	12791	40.0	37.5	
47 Methyl acrylate	55	4.808	4.808	0.000	100	49237	20.0	20.6	
48 Propionitrile	54	4.893	4.893	0.000	99	80377	200.0	188.7	
49 Chlorobromomethane	128	4.973	4.973	0.000	83	40807	20.0	20.0	
50 Tetrahydrofuran	72	4.973	4.973	0.000	59	15817	40.0	37.8	
51 Methacrylonitrile	67	5.015	5.015	0.000	89	245993	200.0	204.2	
52 Chloroform	83	5.052	5.052	0.000	100	135131	20.0	20.6	
53 Cyclohexane	84	5.180	5.180	0.000	89	126713	20.0	20.6	
54 1,1,1-Trichloroethane	97	5.204	5.204	0.000	98	113831	20.0	21.2	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	157621	50.0	51.7	
56 Carbon tetrachloride	117	5.351	5.351	0.000	99	95820	20.0	21.0	
57 1,1-Dichloropropene	75	5.399	5.399	0.000	98	117303	20.0	21.5	
58 Isobutyl alcohol	43	5.601	5.601	0.000	89	101807	500.0	466.7	
59 Benzene	78	5.637	5.631	0.006	94	331592	20.0	20.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.662	5.662	0.000	96	132731	50.0	55.0	
61 Tert-amyl methyl ether	87	5.735	5.735	0.000	92	54942	20.0	20.5	
62 Isopropyl acetate	43	5.741	5.741	0.000	99	153291	20.0	21.0	
63 1,2-Dichloroethane	62	5.759	5.759	0.000	95	74586	20.0	20.1	
64 n-Heptane	43	5.851	5.850	0.001	89	114742	20.0	19.9	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	587238	50.0	50.0	
66 n-Butanol	56	6.424	6.424	0.000	86	36476	500.0	458.1	
67 Trichloroethene	95	6.436	6.436	0.000	98	86229	20.0	20.9	
68 Methylcyclohexane	83	6.576	6.576	0.000	93	141587	20.0	19.7	
69 Ethyl acrylate	55	6.619	6.619	0.000	98	72554	20.0	20.0	
70 1,2-Dichloropropane	63	6.783	6.783	0.000	96	77874	20.0	20.9	
* 71 1,4-Dioxane-d8	96	6.869	6.869	0.000	0	25078	1000.0	1000.0	
72 Methyl methacrylate	100	6.905	6.905	0.000	90	32260	40.0	40.3	
73 1,4-Dioxane	88	6.930	6.930	0.000	93	14989	400.0	409.8	
74 Dibromomethane	93	6.936	6.936	0.000	98	41780	20.0	20.4	
75 n-Propyl acetate	43	6.978	6.978	0.000	97	72856	20.0	20.6	
76 Dichlorobromomethane	83	7.112	7.112	0.000	99	88451	20.0	20.1	
77 2-Nitropropane	41	7.460	7.454	0.006	97	17092	40.0	37.2	
78 2-Chloroethyl vinyl ether	63	7.472	7.472	0.000	95	32737	20.0	20.0	
79 Epichlorohydrin	57	7.564	7.564	0.000	99	109431	400.0	385.1	
80 cis-1,3-Dichloropropene	75	7.612	7.612	0.000	88	111530	20.0	20.3	
81 4-Methyl-2-pentanone (MIBK)	43	7.771	7.771	0.000	94	241096	100.0	97.9	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	100	575804	50.0	51.0	
83 Toluene	91	7.899	7.899	0.000	93	330075	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	8.204	8.204	0.000	94	88542	20.0	20.1	
85 Ethyl methacrylate	69	8.234	8.234	0.000	87	74245	20.0	20.5	
86 1,1,2-Trichloroethane	83	8.374	8.374	0.000	97	51609	20.0	19.6	
87 Tetrachloroethene	166	8.399	8.399	0.000	96	82776	20.0	19.9	
88 1,3-Dichloropropane	76	8.533	8.533	0.000	89	96888	20.0	19.5	
89 2-Hexanone	43	8.582	8.582	0.000	94	167595	100.0	97.7	
90 n-Butyl acetate	73	8.667	8.667	0.000	98	14786	20.0	18.8	
91 Chlorodibromomethane	129	8.704	8.704	0.000	98	61193	20.0	18.7	
92 Ethylene Dibromide	107	8.813	8.813	0.000	98	58076	20.0	19.2	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	406472	50.0	50.0	
94 Chlorobenzene	112	9.216	9.216	0.000	97	203261	20.0	19.5	
95 Ethylbenzene	106	9.277	9.277	0.000	98	110255	20.0	19.7	
96 1,1,1,2-Tetrachloroethane	131	9.295	9.295	0.000	97	63157	20.0	19.3	
97 m-Xylene & p-Xylene	106	9.380	9.380	0.000	100	134904	20.0	19.7	
98 n-Butyl acrylate	73	9.685	9.685	0.000	98	39214	20.0	18.3	
99 o-Xylene	106	9.710	9.709	0.001	94	126764	20.0	19.6	
100 Styrene	104	9.734	9.734	0.000	97	216769	20.0	19.7	
101 Amyl acetate (mixed isomers)	43	9.856	9.856	0.000	91	79683	20.0	19.7	
102 Bromoform	173	9.905	9.905	0.000	96	34619	20.0	17.1	
103 Isopropylbenzene	105	9.990	9.990	0.000	95	333813	20.0	19.6	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	0.000	0	167051	50.0	51.4	
105 Bromobenzene	156	10.264	10.264	0.000	97	78686	20.0	18.2	
106 1,1,2,2-Tetrachloroethane	83	10.283	10.283	0.000	99	71076	20.0	18.5	
107 N-Propylbenzene	91	10.307	10.307	0.000	99	396675	20.0	19.1	
108 1,2,3-Trichloropropane	110	10.325	10.325	0.000	98	18988	20.0	18.8	
109 trans-1,4-Dichloro-2-butene	53	10.331	10.337	-0.006	85	17413	20.0	19.9	
110 4-Ethyltoluene	105	10.392	10.392	0.000	99	316450	20.0	19.1	
111 2-Chlorotoluene	91	10.398	10.398	0.000	96	255560	20.0	19.1	
112 1,3,5-Trimethylbenzene	105	10.441	10.441	0.000	93	260407	20.0	18.7	
113 4-Chlorotoluene	91	10.484	10.484	0.000	97	229864	20.0	19.2	
114 Butyl Methacrylate	87	10.502	10.502	0.000	86	75121	20.0	18.2	
115 tert-Butylbenzene	119	10.679	10.679	0.000	95	228958	20.0	18.6	
116 1,2,4-Trimethylbenzene	105	10.728	10.728	0.000	97	259592	20.0	18.8	
117 sec-Butylbenzene	105	10.837	10.843	-0.006	99	350757	20.0	18.6	
118 4-Isopropyltoluene	119	10.941	10.941	0.000	98	289340	20.0	18.7	
119 1,3-Dichlorobenzene	146	10.959	10.959	0.000	97	147581	20.0	18.8	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	93	203216	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.032	11.032	0.000	96	150024	20.0	18.8	
122 1,2,3-Trimethylbenzene	105	11.039	11.039	0.001	97	256374	20.0	18.6	
123 Benzyl chloride	126	11.136	11.136	0.000	99	19497	20.0	17.2	
124 2,3-Dihydroindene	117	11.191	11.191	0.000	94	271123	20.0	19.7	
125 p-Diethylbenzene	119	11.221	11.221	0.000	94	168621	20.0	18.9	
126 n-Butylbenzene	92	11.240	11.240	0.000	97	158494	20.0	19.3	
127 1,2-Dichlorobenzene	146	11.307	11.307	0.000	98	134555	20.0	18.2	
128 1,2,4,5-Tetramethylbenzene	119	11.819	11.819	0.000	97	241802	20.0	18.1	
129 1,2-Dibromo-3-Chloropropane	157	11.935	11.935	0.000	93	12933	20.0	17.5	
130 1,3,5-Trichlorobenzene	180	12.057	12.057	0.000	98	103142	20.0	17.6	
131 1,2,4-Trichlorobenzene	180	12.654	12.660	-0.006	94	90701	20.0	17.7	
132 Hexachlorobutadiene	225	12.764	12.764	0.000	91	44651	20.0	18.4	
133 Naphthalene	128	12.935	12.934	0.001	99	209583	20.0	17.5	
134 1,2,3-Trichlorobenzene	180	13.209	13.209	0.000	96	81605	20.0	17.4	
S 135 1,2-Dichloroethene, Total	100				0		40.0	41.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	40.5	
S 137 Xylenes, Total	100				0		40.0	39.3	
S 138 Total BTEX	1				0		100.0	99.3	

QC Flag Legend

Processing Flags

Reagents:

GASES Li_00388	Amount Added:	2.00	Units: uL	
ACROLEIN W_00112	Amount Added:	3.00	Units: uL	
524freon_00027	Amount Added:	2.00	Units: uL	
8260MIX1COMB_00125	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

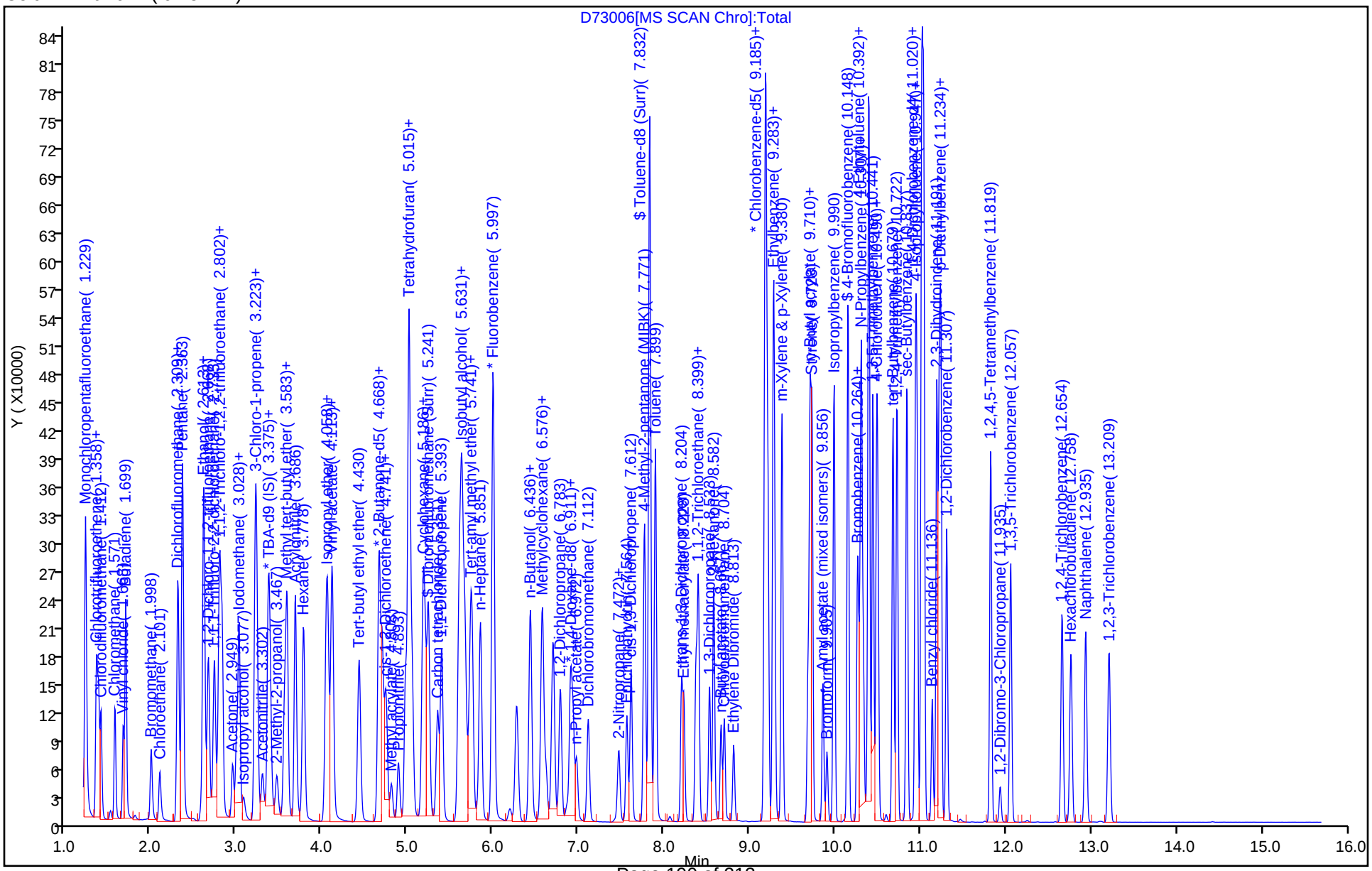
Report Date: 01-Oct-2020 12:15:36 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73006.D

Injection Date:	30-Sep-2020 19:35:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-727958/5

Matrix: Solid Lab File ID: D73007.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 20:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	0.0202		0.0010	0.00023
79-34-5	1,1,2,2-Tetrachloroethane	0.0173		0.0010	0.00021
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.0192		0.0010	0.00030
79-00-5	1,1,2-Trichloroethane	0.0181		0.0010	0.00018
75-34-3	1,1-Dichloroethane	0.0198		0.0010	0.00021
75-35-4	1,1-Dichloroethene	0.0206		0.0010	0.00023
87-61-6	1,2,3-Trichlorobenzene	0.0163		0.0010	0.00018
120-82-1	1,2,4-Trichlorobenzene	0.0169		0.0010	0.00036
96-12-8	1,2-Dibromo-3-Chloropropane	0.0163		0.0010	0.00046
95-50-1	1,2-Dichlorobenzene	0.0172		0.0010	0.00014
107-06-2	1,2-Dichloroethane	0.0188		0.0010	0.00030
78-87-5	1,2-Dichloropropane	0.0196		0.0010	0.00042
541-73-1	1,3-Dichlorobenzene	0.0180		0.0010	0.00016
106-46-7	1,4-Dichlorobenzene	0.0178		0.0010	0.00023
123-91-1	1,4-Dioxane	0.380		0.020	0.0092
78-93-3	2-Butanone (MEK)	0.0845		0.0050	0.0027
591-78-6	2-Hexanone	0.0888		0.0050	0.0017
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0909		0.0050	0.0016
67-64-1	Acetone	0.0844		0.0060	0.0057
107-02-8	Acrolein	0.288		0.10	0.028
107-13-1	Acrylonitrile	0.191		0.010	0.0016
71-43-2	Benzene	0.0193		0.0010	0.00026
75-25-2	Bromoform	0.0158		0.0010	0.00043
74-83-9	Bromomethane	0.0203		0.0010	0.00047
75-15-0	Carbon disulfide	0.0217		0.0010	0.00027
56-23-5	Carbon tetrachloride	0.0197		0.0010	0.00039
108-90-7	Chlorobenzene	0.0183		0.0010	0.00018
74-97-5	Chlorobromomethane	0.0191		0.0010	0.00028
124-48-1	Chlorodibromomethane	0.0174		0.0010	0.00019
75-00-3	Chloroethane	0.0202		0.0010	0.00052
67-66-3	Chloroform	0.0195		0.0010	0.00032
74-87-3	Chloromethane	0.0193		0.0010	0.00044
156-59-2	cis-1,2-Dichloroethene	0.0194		0.0010	0.00015
10061-01-5	cis-1,3-Dichloropropene	0.0192		0.0010	0.00027
110-82-7	Cyclohexane	0.0197		0.0010	0.00022

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-727958/5

Matrix: Solid Lab File ID: D73007.D

Analysis Method: 8260C Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 09/30/2020 20:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: Rtx-624 ID: 0.25(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 727958 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-27-4	Dichlorobromomethane	0.0186		0.0010	0.00026
75-71-8	Dichlorodifluoromethane	0.0189		0.0010	0.00034
100-41-4	Ethylbenzene	0.0187		0.0010	0.00020
106-93-4	Ethylene Dibromide	0.0179		0.0010	0.00018
98-82-8	Isopropylbenzene	0.0185		0.0010	0.00013
79-20-9	Methyl acetate	0.0398		0.0050	0.0043
1634-04-4	Methyl tert-butyl ether	0.0187		0.0010	0.00013
108-87-2	Methylcyclohexane	0.0185		0.0010	0.00050
75-09-2	Methylene Chloride	0.0193		0.0010	0.00046
179601-23-1	m-Xylene & p-Xylene	0.0185		0.0010	0.00017
95-47-6	o-Xylene	0.0183		0.0010	0.00019
100-42-5	Styrene	0.0184		0.0010	0.00028
75-65-0	TBA	0.166		0.010	0.0033
127-18-4	Tetrachloroethene	0.0189		0.0010	0.00014
108-88-3	Toluene	0.0186		0.0010	0.00023
156-60-5	trans-1,2-Dichloroethene	0.0200		0.0010	0.00025
10061-02-6	trans-1,3-Dichloropropene	0.0187		0.0010	0.00027
79-01-6	Trichloroethene	0.0196		0.0010	0.00014
75-69-4	Trichlorofluoromethane	0.0201		0.0010	0.00041
75-01-4	Vinyl chloride	0.0201		0.0010	0.00055

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		77-145
460-00-4	4-Bromofluorobenzene	103		79-125
1868-53-7	Dibromofluoromethane (Surr)	104		48-150
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins TestAmerica, Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73007.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 30-Sep-2020 20:03:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0117606-005
Operator ID: Instrument ID: CVOAMS4

Method: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\8260S_4.m
Limit Group: VOA - 8260C Water and Solid
Last Update: 01-Oct-2020 12:14:36 Calib Date: 16-Sep-2020 16:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS4\20200916-116852.b\D72383.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1026

First Level Reviewer: parekhv Date: 30-Sep-2020 20:43:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.242	1.242	0.000	92	9866	20.0	15.4	
2 Chlorotrifluoroethene	116	1.351	1.351	0.000	89	41797	20.0	18.6	
3 1,1-Difluoroethane	65	1.364	1.364	0.000	95	51317	20.0	19.8	
4 Dichlorodifluoromethane	85	1.382	1.382	0.000	99	123683	20.0	18.9	
5 Chlorodifluoromethane	51	1.412	1.412	0.000	97	109018	20.0	20.6	
6 Chloromethane	50	1.571	1.571	0.000	99	113236	20.0	19.3	
8 Vinyl chloride	62	1.668	1.668	0.000	98	100431	20.0	20.1	
7 Butadiene	54	1.699	1.699	0.000	97	92077	20.0	21.2	
9 Bromomethane	94	1.998	1.998	0.000	99	50985	20.0	20.3	
10 Chloroethane	64	2.095	2.095	0.000	99	48057	20.0	20.2	
13 Trichlorofluoromethane	101	2.308	2.308	0.000	98	130365	20.0	20.1	
11 Dichlorofluoromethane	67	2.308	2.308	0.000	98	146713	20.0	19.9	
12 Pentane	72	2.363	2.363	0.000	97	30812	40.0	37.9	
15 Ethanol	46	2.583	2.583	0.000	93	12254	800.0	757.0	
14 Ethyl ether	59	2.607	2.607	0.000	96	55572	20.0	19.4	
16 2-Methyl-1,3-butadiene	53	2.613	2.613	0.000	95	77189	20.0	21.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	2.668	2.668	0.000	95	73403	20.0	19.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	2.735	2.735	0.000	95	123913	20.0	20.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.790	2.790	0.000	96	82195	20.0	19.2	
19 Acrolein	56	2.802	2.802	0.000	95	115133	300.0	287.8	
21 1,1-Dichloroethene	96	2.827	2.827	0.000	96	81922	20.0	20.6	
22 Acetone	43	2.949	2.949	0.000	89	69322	100.0	84.4	
23 Iodomethane	142	2.997	2.997	0.000	97	108875	20.0	20.3	
24 Carbon disulfide	76	3.028	3.028	0.000	98	304249	20.0	21.7	
25 Isopropyl alcohol	45	3.077	3.083	-0.006	98	33675	200.0	169.9	
26 3-Chloro-1-propene	76	3.211	3.211	0.000	95	47507	20.0	20.3	
28 Cyclopentene	67	3.223	3.223	0.000	94	209542	20.0	20.6	
27 Methyl acetate	43	3.241	3.241	0.000	99	78955	40.0	39.8	
29 Acetonitrile	40	3.296	3.302	-0.006	99	32908	200.0	191.3	
30 Methylene Chloride	84	3.363	3.363	0.000	88	83801	20.0	19.3	
* 31 TBA-d9 (IS)	65	3.381	3.388	-0.007	0	230598	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Methyl-2-propanol	59	3.467	3.467	0.000	99	54661	200.0	166.2	
33 Methyl tert-butyl ether	73	3.558	3.558	0.000	97	167204	20.0	18.7	
34 trans-1,2-Dichloroethene	96	3.589	3.589	0.000	92	88465	20.0	20.0	
35 Acrylonitrile	53	3.680	3.686	-0.006	95	194070	200.0	190.6	
36 Hexane	57	3.778	3.778	0.000	90	118829	20.0	19.1	
37 Isopropyl ether	45	4.046	4.046	0.000	98	210655	20.0	19.7	
38 1,1-Dichloroethane	63	4.064	4.070	-0.006	99	136906	20.0	19.8	
39 Vinyl acetate	86	4.107	4.107	0.000	100	24167	40.0	37.8	
40 2-Chloro-1,3-butadiene	88	4.119	4.119	0.000	87	76633	20.0	20.2	
41 Tert-butyl ethyl ether	59	4.430	4.430	0.000	90	178206	20.0	19.1	
43 2,2-Dichloropropane	79	4.662	4.662	0.000	95	31617	20.0	20.1	
* 42 2-Butanone-d5	46	4.668	4.668	0.000	94	232983	250.0	250.0	
44 cis-1,2-Dichloroethene	96	4.698	4.704	-0.006	99	87554	20.0	19.4	
45 2-Butanone (MEK)	72	4.735	4.735	0.000	100	32611	100.0	84.5	
46 Ethyl acetate	70	4.753	4.753	0.000	99	11606	40.0	35.4	
47 Methyl acrylate	55	4.808	4.808	0.000	100	45459	20.0	19.2	
48 Propionitrile	54	4.887	4.893	-0.006	99	73027	200.0	178.2	
49 Chlorobromomethane	128	4.973	4.973	0.000	84	38595	20.0	19.1	
50 Tetrahydrofuran	72	4.973	4.973	0.000	58	14385	40.0	35.8	
51 Methacrylonitrile	67	5.015	5.015	0.000	88	225261	200.0	188.6	
52 Chloroform	83	5.052	5.052	0.000	100	126800	20.0	19.5	
53 Cyclohexane	84	5.180	5.180	0.000	88	120107	20.0	19.7	
54 1,1,1-Trichloroethane	97	5.204	5.204	0.000	98	107216	20.0	20.2	
$ 55 Dibromofluoromethane (Surr)	113	5.241	5.241	0.000	97	156799	50.0	51.9	
56 Carbon tetrachloride	117	5.351	5.351	0.000	98	88797	20.0	19.7	
57 1,1-Dichloropropene	75	5.393	5.399	-0.006	98	109593	20.0	20.3	
58 Isobutyl alcohol	43	5.601	5.601	-0.001	93	91412	500.0	440.8	
59 Benzene	78	5.631	5.631	0.000	95	310036	20.0	19.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	5.661	5.662	-0.001	95	127889	50.0	53.5	
61 Tert-amyl methyl ether	87	5.735	5.735	0.000	92	49513	20.0	18.6	
62 Isopropyl acetate	43	5.741	5.741	0.000	99	138020	20.0	19.1	
63 1,2-Dichloroethane	62	5.753	5.759	-0.006	96	69319	20.0	18.8	
64 n-Heptane	43	5.850	5.850	0.000	89	107885	20.0	18.9	
* 65 Fluorobenzene	96	5.997	5.997	0.000	99	581999	50.0	50.0	
66 n-Butanol	56	6.424	6.424	0.000	85	31929	500.0	421.8	
67 Trichloroethene	95	6.436	6.436	0.000	99	80195	20.0	19.6	
68 Methylcyclohexane	83	6.576	6.576	0.000	93	132009	20.0	18.5	
69 Ethyl acrylate	55	6.619	6.619	0.000	98	63480	20.0	17.7	
70 1,2-Dichloropropane	63	6.783	6.783	0.000	95	72326	20.0	19.6	
* 71 1,4-Dioxane-d8	96	6.862	6.869	-0.007	0	24104	1000.0	1000.0	
72 Methyl methacrylate	100	6.905	6.905	0.000	85	29271	40.0	36.9	
73 1,4-Dioxane	88	6.930	6.930	0.000	90	13366	400.0	380.2	
74 Dibromomethane	93	6.936	6.936	0.000	98	38499	20.0	19.0	
75 n-Propyl acetate	43	6.972	6.978	-0.006	98	66152	20.0	18.9	
76 Dichlorobromomethane	83	7.112	7.112	0.000	99	81303	20.0	18.6	
77 2-Nitropropane	41	7.454	7.454	0.000	97	15278	40.0	33.5	
78 2-Chloroethyl vinyl ether	63	7.472	7.472	0.000	95	29602	20.0	18.2	
79 Epichlorohydrin	57	7.564	7.564	0.000	98	99756	400.0	365.0	
80 cis-1,3-Dichloropropene	75	7.612	7.612	0.000	88	104009	20.0	19.2	
81 4-Methyl-2-pentanone (MIBK)	43	7.771	7.771	0.000	95	215363	100.0	90.9	
$ 82 Toluene-d8 (Surr)	98	7.832	7.832	0.000	99	566228	50.0	50.8	
83 Toluene	91	7.899	7.899	0.000	93	305362	20.0	18.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 trans-1,3-Dichloropropene	75	8.204	8.204	0.000	97	81272	20.0	18.7	
85 Ethyl methacrylate	69	8.228	8.234	-0.006	87	66678	20.0	18.5	
86 1,1,2-Trichloroethane	83	8.368	8.374	-0.006	98	47012	20.0	18.1	
87 Tetrachloroethene	166	8.399	8.399	0.000	98	77850	20.0	18.9	
88 1,3-Dichloropropane	76	8.533	8.533	0.000	89	89292	20.0	18.3	
89 2-Hexanone	43	8.582	8.582	0.000	94	146523	100.0	88.8	
90 n-Butyl acetate	73	8.667	8.667	0.000	98	13367	20.0	17.2	
91 Chlorodibromomethane	129	8.704	8.704	0.000	98	56127	20.0	17.4	
92 Ethylene Dibromide	107	8.813	8.813	0.000	98	53204	20.0	17.9	
* 93 Chlorobenzene-d5	117	9.191	9.191	0.000	85	400912	50.0	50.0	
94 Chlorobenzene	112	9.216	9.216	0.000	96	188471	20.0	18.3	
95 Ethylbenzene	106	9.277	9.277	0.000	98	103019	20.0	18.7	
96 1,1,1,2-Tetrachloroethane	131	9.289	9.295	-0.006	97	57650	20.0	17.8	
97 m-Xylene & p-Xylene	106	9.380	9.380	0.000	100	125139	20.0	18.5	
98 n-Butyl acrylate	73	9.679	9.685	-0.006	98	35205	20.0	16.7	
99 o-Xylene	106	9.709	9.709	0.000	94	116605	20.0	18.3	
100 Styrene	104	9.728	9.734	-0.006	97	199804	20.0	18.4	
101 Amyl acetate (mixed isomers)	43	9.856	9.856	0.000	91	69820	20.0	17.7	
102 Bromoform	173	9.905	9.905	0.000	96	31547	20.0	15.8	
103 Isopropylbenzene	105	9.990	9.990	0.000	95	309804	20.0	18.5	
$ 104 4-Bromofluorobenzene	174	10.155	10.155	-0.001	0	162473	50.0	51.3	
105 Bromobenzene	156	10.264	10.264	0.000	96	72344	20.0	17.2	
106 1,1,2,2-Tetrachloroethane	83	10.283	10.283	0.000	99	64979	20.0	17.3	
107 N-Propylbenzene	91	10.307	10.307	0.000	99	367277	20.0	18.1	
108 1,2,3-Trichloropropane	110	10.325	10.325	0.000	98	17348	20.0	17.6	
109 trans-1,4-Dichloro-2-butene	53	10.331	10.337	-0.006	85	15737	20.0	18.5	
110 4-Ethyltoluene	105	10.392	10.392	0.000	99	296344	20.0	18.4	
111 2-Chlorotoluene	91	10.398	10.398	0.000	95	237481	20.0	18.2	
112 1,3,5-Trimethylbenzene	105	10.441	10.441	0.000	93	242227	20.0	17.9	
113 4-Chlorotoluene	91	10.484	10.484	0.000	97	213135	20.0	18.2	
114 Butyl Methacrylate	87	10.502	10.502	0.000	87	67730	20.0	16.8	
115 tert-Butylbenzene	119	10.679	10.679	0.000	95	212720	20.0	17.7	
116 1,2,4-Trimethylbenzene	105	10.721	10.728	-0.007	97	240849	20.0	17.9	
117 sec-Butylbenzene	105	10.837	10.843	-0.006	100	327002	20.0	17.8	
118 4-Isopropyltoluene	119	10.941	10.941	0.000	98	271077	20.0	18.0	
119 1,3-Dichlorobenzene	146	10.959	10.959	0.000	98	137486	20.0	18.0	
* 120 1,4-Dichlorobenzene-d4	152	11.014	11.014	0.000	94	198003	50.0	50.0	
121 1,4-Dichlorobenzene	146	11.032	11.032	0.000	96	138058	20.0	17.8	
122 1,2,3-Trimethylbenzene	105	11.038	11.039	0.000	98	235154	20.0	17.5	
123 Benzyl chloride	126	11.136	11.136	0.000	99	18557	20.0	16.8	
124 2,3-Dihydroindene	117	11.191	11.191	0.000	94	249553	20.0	18.3	
125 p-Diethylbenzene	119	11.215	11.221	-0.006	93	157065	20.0	18.1	a
126 n-Butylbenzene	92	11.240	11.240	0.000	97	148485	20.0	18.5	
127 1,2-Dichlorobenzene	146	11.307	11.307	0.000	97	124290	20.0	17.2	
128 1,2,4,5-Tetramethylbenzene	119	11.819	11.819	0.000	97	221753	20.0	17.0	
129 1,2-Dibromo-3-Chloropropane	157	11.935	11.935	0.000	93	11752	20.0	16.3	
130 1,3,5-Trichlorobenzene	180	12.057	12.057	0.000	98	96473	20.0	16.9	
131 1,2,4-Trichlorobenzene	180	12.654	12.660	-0.006	94	84459	20.0	16.9	
132 Hexachlorobutadiene	225	12.758	12.764	-0.006	92	41970	20.0	17.8	
133 Naphthalene	128	12.934	12.934	0.000	99	188663	20.0	16.2	
134 1,2,3-Trichlorobenzene	180	13.209	13.209	0.000	97	74657	20.0	16.3	
S 135 1,2-Dichloroethene, Total	100				0		40.0	39.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,3-Dichloropropene, Total	100				0		40.0	38.0	
S 137 Xylenes, Total	100				0		40.0	36.8	
S 138 Total BTEX	1				0		100.0	93.4	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00125	Amount Added:	2.00	Units: uL	
ACROLEIN W_00112	Amount Added:	3.00	Units: uL	
GASES Li_00388	Amount Added:	2.00	Units: uL	
524freon_00027	Amount Added:	2.00	Units: uL	
8260ISNEW_00119	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00210	Amount Added:	1.00	Units: uL	Run Reagent

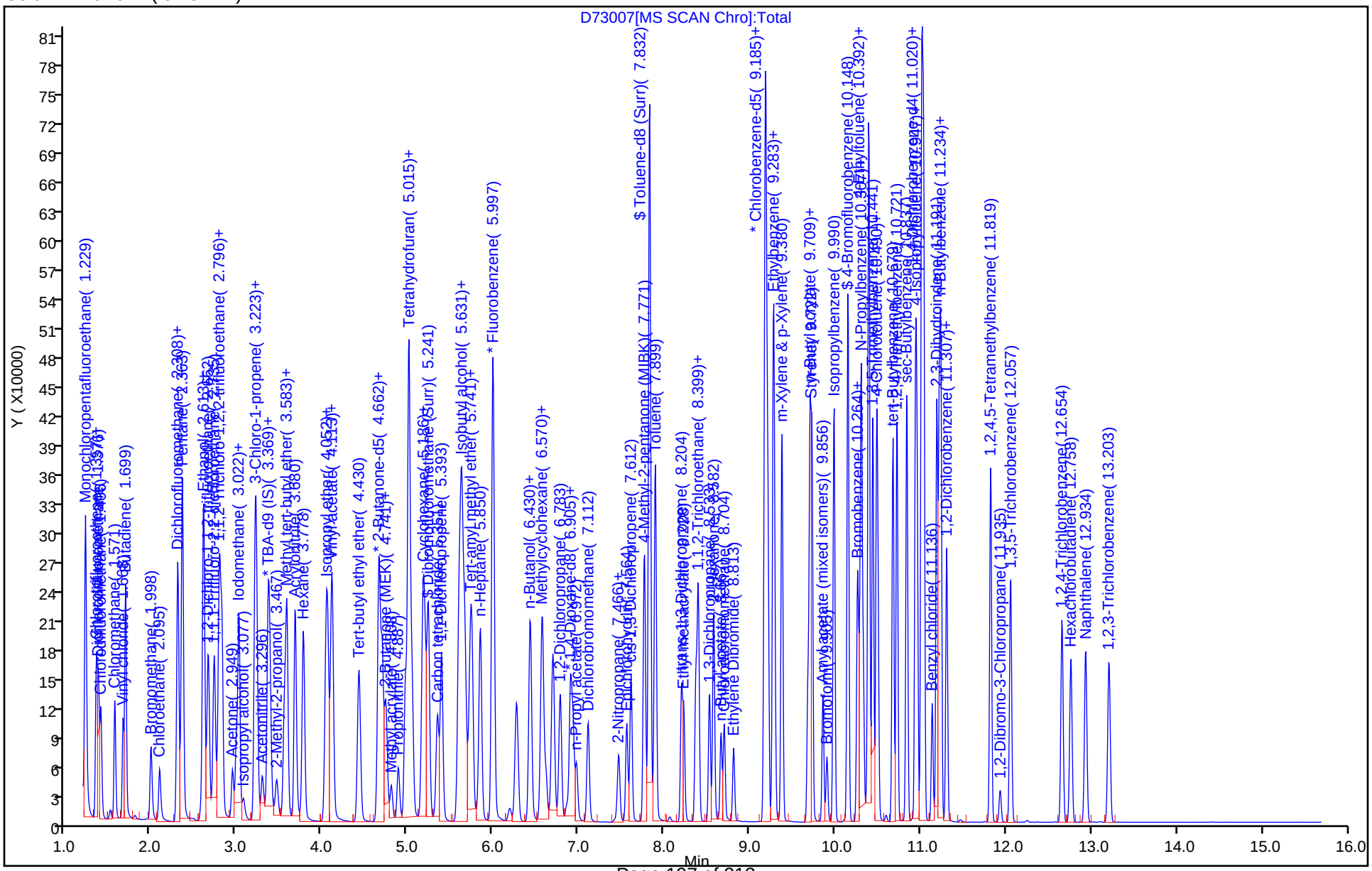
Report Date: 01-Oct-2020 12:16:37 Chrom Revision: 2.3 24-Sep-2020 19:22:38

Eurofins TestAmerica, Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS4\20200930-117606.b\D73007.D

Injection Date:	30-Sep-2020 20:03:30	Instrument ID:	CVOAMS4	Operator ID:	
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8260S_4	Limit Group:	VOA - 8260C Water and Solid		

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/16/2020 12:26

Analysis Batch Number: 724430 End Date: 09/16/2020 18:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-724430/1		09/16/2020 12:26	1	D72375.D	Rtx-624 0.25(mm)
STD1 460-724430/4 IC		09/16/2020 13:42	1	D72378.D	Rtx-624 0.25(mm)
STD5 460-724430/5 IC		09/16/2020 14:09	1	D72379.D	Rtx-624 0.25(mm)
STD20 460-724430/6 ICIS		09/16/2020 14:37	1	D72380.D	Rtx-624 0.25(mm)
STD50 460-724430/7 IC		09/16/2020 15:05	1	D72381.D	Rtx-624 0.25(mm)
STD200 460-724430/8 IC		09/16/2020 15:33	1	D72382.D	Rtx-624 0.25(mm)
STD500 460-724430/9 IC		09/16/2020 16:01	1	D72383.D	Rtx-624 0.25(mm)
ICV 460-724430/14		09/16/2020 18:19	1	D72388.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Instrument ID: CVOAMS4 Start Date: 09/30/2020 18:27

Analysis Batch Number: 727958 End Date: 10/01/2020 05:44

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-727958/1		09/30/2020 18:27	1	D73003.D	Rtx-624 0.25(mm)
CCVIS 460-727958/3		09/30/2020 19:08	1	D73005.D	Rtx-624 0.25(mm)
LCS 460-727958/4		09/30/2020 19:35	1	D73006.D	Rtx-624 0.25(mm)
LCSD 460-727958/5		09/30/2020 20:03	1	D73007.D	Rtx-624 0.25(mm)
MB 460-727958/8		09/30/2020 21:26	1	D73010.D	Rtx-624 0.25(mm)
ZZZZZ		09/30/2020 21:54	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2020 22:21	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2020 22:49	1		Rtx-624 0.25(mm)
ZZZZZ		09/30/2020 23:17	1		Rtx-624 0.25(mm)
460-219360-8	TB-092920	10/01/2020 02:30	1	D73021.D	Rtx-624 0.25(mm)
460-219360-1	GL-DS-092920-1	10/01/2020 02:58	1	D73022.D	Rtx-624 0.25(mm)
460-219360-2	GL-DS-092920-2	10/01/2020 03:26	1	D73023.D	Rtx-624 0.25(mm)
460-219360-3	GL-DS-092920-3	10/01/2020 03:54	1	D73024.D	Rtx-624 0.25(mm)
460-219360-4	GL-DS-092920-4	10/01/2020 04:21	1	D73025.D	Rtx-624 0.25(mm)
460-219360-5	GL-DS-092920-5	10/01/2020 04:49	1	D73026.D	Rtx-624 0.25(mm)
460-219360-6	GL-DS-092920-6	10/01/2020 05:17	1	D73027.D	Rtx-624 0.25(mm)
460-219360-7	GL-DS-092920-7	10/01/2020 05:44	1	D73028.D	Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Batch Number: 727958 Batch Start Date: 09/30/20 18:27 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00027	8260ISNEW 00119	8260MIX1COMB 00125	8260SURR250 00210
BFB 460-727958/1		8260C		5 mL	5 mL				
CCVIS 460-727958/3		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCS 460-727958/4		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
LCSD 460-727958/5		8260C		5 mL	5 mL	2 uL	1 uL	2 uL	1 uL
MB 460-727958/8		8260C		5 mL	5 mL		1 uL		1 uL
460-219360-B-8-A	TB-092920	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-1-A	GL-DS-092920-1	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-2-A	GL-DS-092920-2	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-3-A	GL-DS-092920-3	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-4-A	GL-DS-092920-4	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-5-A	GL-DS-092920-5	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-6-A	GL-DS-092920-6	8260C	T	5 mL	5 mL		1 uL		1 uL
460-219360-B-7-A	GL-DS-092920-7	8260C	T	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00112	BFB 00026	GASES Li 00388			
BFB 460-727958/1		8260C			1 uL				
CCVIS 460-727958/3		8260C		3 uL		2 uL			
LCS 460-727958/4		8260C		3 uL		2 uL			
LCSD 460-727958/5		8260C		3 uL		2 uL			
MB 460-727958/8		8260C							
460-219360-B-8-A	TB-092920	8260C	T						
460-219360-B-1-A	GL-DS-092920-1	8260C	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Batch Number: 727958 Batch Start Date: 09/30/20 18:27 Batch Analyst: Parekh, Vyomesh B

Batch Method: 8260C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00112	BFB 00026	GASES Li 00388			
460-219360-B-2-A	GL-DS-092920-2	8260C	T						
460-219360-B-3-A	GL-DS-092920-3	8260C	T						
460-219360-B-4-A	GL-DS-092920-4	8260C	T						
460-219360-B-5-A	GL-DS-092920-5	8260C	T						
460-219360-B-6-A	GL-DS-092920-6	8260C	T						
460-219360-B-7-A	GL-DS-092920-7	8260C	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Batch Number: 728032 Batch Start Date: 09/30/20 19:09 Batch Analyst: Malata, Andrew V

Batch Method: 5035 Batch End Date: 09/30/20 19:27

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
460-219360-B-1	GL-DS-092920-1	5035, 8260C	T	33.97 g	45.20 g	11.23 g	5 mL		
460-219360-B-2	GL-DS-092920-2	5035, 8260C	T	33.82 g	46.16 g	12.34 g	5 mL		
460-219360-B-3	GL-DS-092920-3	5035, 8260C	T	34.31 g	46.32 g	12.01 g	5 mL		
460-219360-B-4	GL-DS-092920-4	5035, 8260C	T	33.69 g	47.10 g	13.41 g	5 mL		
460-219360-B-5	GL-DS-092920-5	5035, 8260C	T	34.26 g	44.96 g	10.7 g	5 mL		
460-219360-B-6	GL-DS-092920-6	5035, 8260C	T	34.12 g	48.47 g	14.35 g	5 mL		
460-219360-B-7	GL-DS-092920-7	5035, 8260C	T	33.79 g	45.57 g	11.78 g	5 mL		
460-219360-B-8	TB-092920	5035, 8260C	T			5 g	5 mL		

Batch Notes	
Balance ID	219415 were frozen 9/24/20 @ 21:00

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-219360-1

SDG No.:

Project: National Grid-Downstate Glenwood Landing

Client Sample ID	Lab Sample ID
GL-DS-092920-1	460-219360-1
GL-DS-092920-2	460-219360-2
GL-DS-092920-3	460-219360-3
GL-DS-092920-4	460-219360-4
GL-DS-092920-5	460-219360-5
GL-DS-092920-6	460-219360-6
GL-DS-092920-7	460-219360-7

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-219360-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job Number: 460-219360-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/30/2020 12:55 End Date: 10/01/2020 08:11

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
460-219345-E-8 DU	1	T	12:55	X	X																			
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
460-219360-1	1	T	12:55	X	X																			
460-219360-2	1	T	12:55	X	X																			
460-219360-3	1	T	12:55	X	X																			
460-219360-4	1	T	12:55	X	X																			
460-219360-5	1	T	12:55	X	X																			
460-219360-6	1	T	12:55	X	X																			
460-219360-7	1	T	12:55	X	X																			
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			12:55																					
ZZZZZZ			08:11																					
460-219345-E-7 MS	1	T	08:11	X	X																			
460-219345-E-7 MSD	1	T	08:11	X	X																			
ZZZZZZ			08:11																					

Prep Types

T = Total/NA

General Chemistry Raw Data Report

Job ID: 460-219360-1

Batch: 727905 **Analyst Initials: MMC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-219345-E-8 DU

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	3.44311377245511	%
Percent Solids	None	1	96.5568862275449	%

Lab Sample ID: 460-219360-D-1

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.9721577726218	%
Percent Solids	None	1	98.0278422273782	%

Lab Sample ID: 460-219360-D-2

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.5801354401806	%
Percent Solids	None	1	98.4198645598194	%

Lab Sample ID: 460-219360-D-3

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.9548872180451	%
Percent Solids	None	1	98.0451127819549	%

Lab Sample ID: 460-219360-D-4

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	1.37142857142859	%
Percent Solids	None	1	98.6285714285714	%

Lab Sample ID: 460-219360-D-5

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	4.8	%
Percent Solids	None	1	95.2	%

Lab Sample ID: 460-219360-D-6

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.572347266881	%
Percent Solids	None	1	97.427652733119	%

Lab Sample ID: 460-219360-D-7

Analysis Date: Sep 30, 2020 12:55

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.828618968386	%
Percent Solids	None	1	97.171381031614	%

Lab Sample ID: 460-219345-E-7 MS

Analysis Date: Oct 01, 2020 08:11

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.828618968386	%
Percent Solids	None	1	97.171381031614	%

Batch: 727905 (Continued) **Analyst Initials: MMC**

Method: Moisture **Instrument: No Equipment**

Lab Sample ID: 460-219345-E-7 MSD **Analysis Date: Oct 01, 2020 08:11**

Analyte	Detector	Dilution	Raw Result	Unit
Percent Moisture	None	1	2.828618968386	%
Percent Solids	None	1	97.171381031614	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins TestAmerica, Edison Job No.: 460-219360-1

SDG No.:

Batch Number: 727905 Batch Start Date: 09/30/20 12:55 Batch Analyst: Crocco, Michael

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-219345-E-8 DU		Moisture	T	887	1.00 g	7.68 g	7.45 g		
460-219360-D-1	GL-DS-092920-1	Moisture	T	896	1.01 g	9.63 g	9.46 g		
460-219360-D-2	GL-DS-092920-2	Moisture	T	897	1.01 g	9.87 g	9.73 g		
460-219360-D-3	GL-DS-092920-3	Moisture	T	898	1.02 g	7.67 g	7.54 g		
460-219360-D-4	GL-DS-092920-4	Moisture	T	899	1.02 g	9.77 g	9.65 g		
460-219360-D-5	GL-DS-092920-5	Moisture	T	900	1.03 g	8.53 g	8.17 g		
460-219360-D-6	GL-DS-092920-6	Moisture	T	901	1.01 g	7.23 g	7.07 g		
460-219360-D-7	GL-DS-092920-7	Moisture	T	902	1.01 g	7.02 g	6.85 g		
460-219345-E-7 MS		Moisture	T		1.01 g	7.02 g	6.85 g		
460-219345-E-7 MSD		Moisture	T		1.01 g	7.02 g	6.85 g		

Batch Notes	
Balance ID	106
Date and Time Samples in Desiccator	10/01/2020 06:09
Date and Time Samples out of Desiccator	10/01/2020 07:50
Date samples were placed in the oven	09/30/2020
Oven Temp In	103 Degrees C
Time samples were place in the oven	13:16
Date samples were removed from oven	10/01/2020
Oven Temp Out	104 Degrees C
Time Samples were removed from oven	06:09
Oven ID	3
Thermometer ID	206271
Temperature - Start - Uncorrected	103 Degrees C
Temperature - End - Uncorrected	104 Degrees C

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Chain of Custody Record 452438

eurofins | Environment Testing TestAmerica

Address: _____

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other: NYC

TAL-8210

Client Contact	Project Manager: Chris Morris	Site Contact: Chris Morris	Date: 9/29/20	COC No: 1 of 1 COCs
Company Name: GEI Consultants Inc.	Tel/Email: cmorris@geiconsultants.com	Lab Contact: Melissa Haas	Carrier:	Sampler: C. Hayes
Address: 1000 New York Ave	Analysis Turnaround Time			For Lab Use Only:
City/State/Zip: Huntington Station N.Y.	☐ CALENDAR DAYS ☐ WORKING DAYS			Walk-in Client:
Phone: (631) 484-9152	TAT if different from Below 48 Hours			Lab Sampling:
Fax:	☐ 2 weeks			
Project Name: Glenwood Landing	☐ 1 week			Job / SDG No.: 219360
Site:	☒ 2 days			
PO # 1702897.31.25	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	8260C - TCL SRS VOC	Sample Specific Notes:
GL-DS-092920-1	9/29/20	1040	G	S	4			X	1
GL-DS-092920-2	9/29/20	1045	G	S	4			X	2
GL-DS-092920-3	9/29/20	1050	G	S	4			X	3
GL-DS-092920-4	9/29/20	1055	G	S	4			X	4
GL-DS-092920-5	9/29/20	1100	G	S	4			X	5
GL-DS-092920-6	9/29/20	1105	G	S	4			X	6
GL-DS-092920-7	9/29/20	1110	G	S	4			X	7
TB-092920	9/29/20	1145	G	W	4			X	8

460-219360 Chain of Custody

SHORT HOLD

2-Day RUSH

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:
CAT B Report

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd: _____ Corr'd: _____ | Therm ID No.: _____

Relinquished by: Craig Hayes	Company: GEI 1200	Date/Time: 9/29/20 18	Received by:	Company:	Date/Time: 9/29/20 1200
Relinquished by:	Company:	Date/Time: 9/29/2015	Received by: Samar	Company:	Date/Time: 92920 1700
Relinquished by: Samar	Company:	Date/Time: 9/29/20 183	Received in Laboratory by: Kevin	Company: TA Edi	Date/Time: 9/29/20 1839

3.9 FR (1)

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

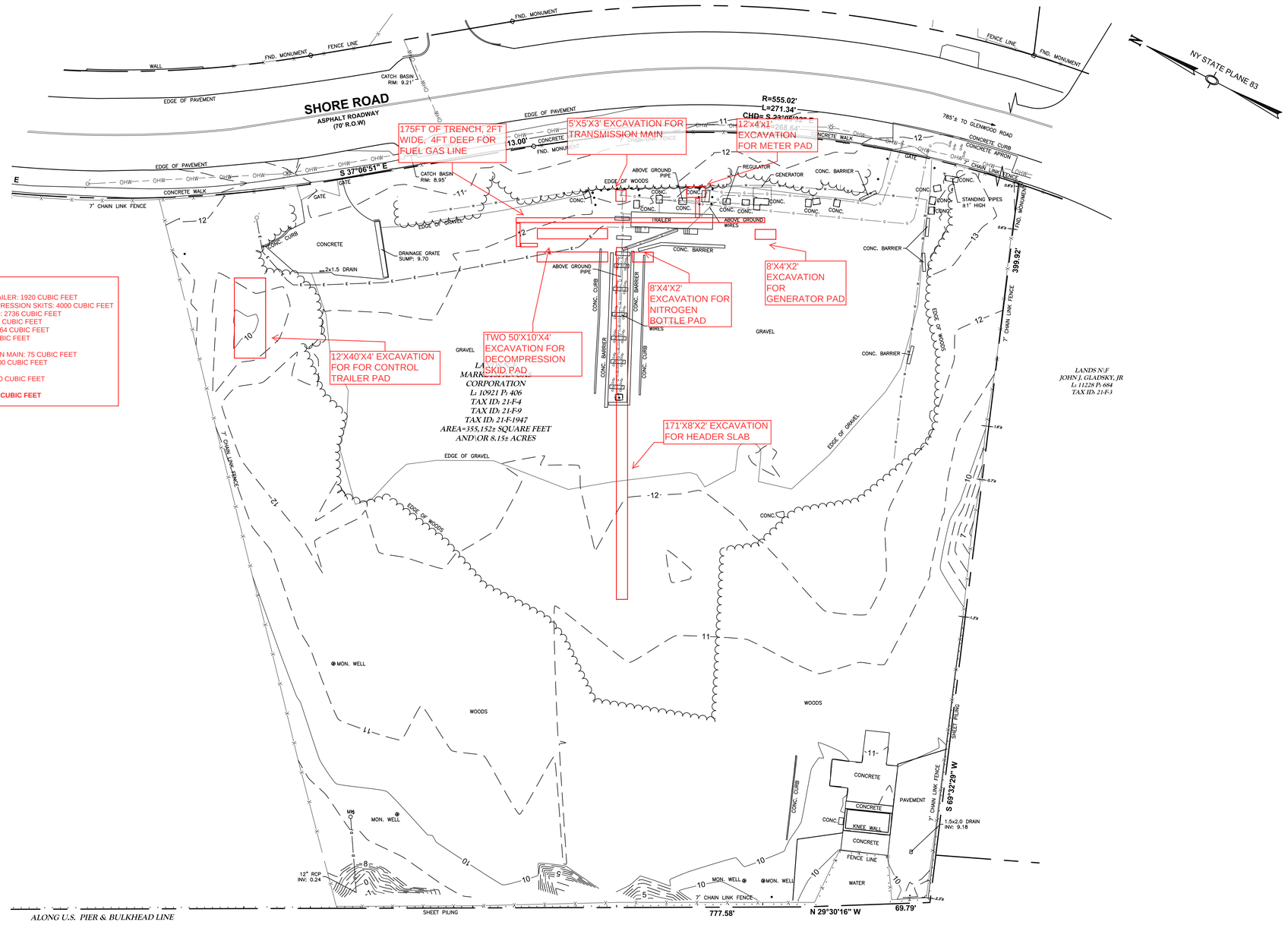
Job Number: 460-219360-1

Login Number: 219360
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

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

ATTACHMENT 2



SUMMARY:

CONTROL TRAILER: 1920 CUBIC FEET
TWO DECOMPRESSION SKITS: 4000 CUBIC FEET
HEADER SLAB: 2736 CUBIC FEET
NITROGEN: 64 CUBIC FEET
GENERATOR: 64 CUBIC FEET
METER: 48 CUBIC FEET

TRANSMISSION MAIN: 75 CUBIC FEET
FUEL GAS: 1400 CUBIC FEET

CONDUIT: 2080 CUBIC FEET

TOTAL: 12387 CUBIC FEET

LEGEND

DRAINAGE MANHOLE	TCB	TRAFFIC CONTROL BOX	CB CATCH BASIN
DRAINAGE CATCH BASIN	TSB	TRAFFIC SIGNAL BOX	DC DROP CURB
DECIDUOUS TREE		UTILITY POLE	INACC. INACCESSIBLE
ELECTRIC MANHOLE		WATER WELL	INV. INVERT
ELECTRIC PULL BOX	W	WATER METER	D STORM LINE
FENCE	W	WATER MANHOLE	S SEWER LINE
FIRE MANHOLE	WV	WATER VALVE	E ELECTRIC LINE
FILL CAP		GAS MAIN INDICATOR	T TELEPHONE LINE
GAS MANHOLE	GR	GRATE	G GAS LINE
GAS VALVE	MHS	GAS MANHOLE	W WATER LINE
GAS VENT PIPE	DI	SANITARY MANHOLE	Fo FIBER OPTIC LINE
GRATE	S.F.C.	DRAIN INLET	STEEL FACED CURB
HYDRANT	FOD	FULL OF DEBRIS	UNKNOWN UNDERGROUND LINE
HANDHOLE	N.P.V.	NO VISIBLE PIPES	DR STORM LINE RECORD
LIGHTPOLE	UV	UNKNOWN VALVE	SR SEWER LINE RECORD
MAIL BOX	TH	TOP OF HOOD	ER ELECTRIC LINE RECORD
MONITOR WELL	TNF	TERMINUS NOT FOUND	TR TELEPHONE LINE RECORD
PARKING METER	CBR	CONNECTION PER RECORD	TrR TRAFFIC LINE RECORD
ROOF DRAIN	TP	TREE PIT	GR GAS LINE RECORD
SIGN-SINGLE POST	SUMP	BOTTOM OF STRUCTURE	WR WATER MAIN RECORD
SEWER CLEANOUT	NO ACCESS	DUE TO UNSAFE CONDITIONS	CONTOUR LINES
SEWER MANHOLE	EOA	EDGE OF ASPHALT	CONTOUR INDEX
SEWER MANHOLE RECORD	RECESSED	UNABLE TO GET INVERT ON VISIBLE PIPE	PROPERTY LINE
TELEPHONE PULL BOX	WATER/DEBRIS	MEASURED TO TOP OF WATER/DEBRIS	EASEMENT LINE
TELEPHONE MANHOLE			OVERHEAD UTILITY WIRE

NOTES

1) SURVEY WAS COMPLETED BY MASTER CONSULTING P.A. ON 12/23/2019.

30 15 0 30

SCALE 1"=30'

GLENWOOD EXISTING SURVEY

SCALE 1"=30'

BL Companies
ARCHITECTURE
ENGINEERING
ENVIRONMENTAL
LAND SURVEYING

145 Pinelawn RD, Suite 300 South
Melville, NY 11747
(212) 529-6543

ISSUE NO.	DATE	W.O.	DESCRIPTION	DWN BY	CKD BY	REVIEWED	APPD
1	07/08/2020		ISSUED FOR CONSTRUCTION	MS	MA	IM	PC
0	06/10/2020		ISSUED FOR BID	MS	MA	IM	PC
B	05/08/2020		ISSUED FOR COORDINATION NOT FOR CONSTRUCTION	MS	MA	IM	PC
A	04/21/2020		ISSUED FOR REVIEW NOT FOR CONSTRUCTION	MS	MA	IM	PC

Keyspan Gas East Corp. d/b/a National Grid
GLENWOOD CNG OFFLOADING STATION
W & E SIDE OF EAST SHORE ROAD, GLENWOOD LANDING, NY 11547

GLENWOOD CNG OFFLOADING STATION
SURVEY

NATIONAL GRID
25 Hub Drive
Melville, New York 11747

SCALE: AS NOTED
CAD/LAN DOS FILE NO.
VENDOR DWG. NO. ES-17C6402-01
DWG. NO. 209713-C-003-01
SYSTEM GRID NUMBER SHT 05 OF 21
CABINET NO.
FOLDER NO.

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7/8/2020, MBARRERA, G:\JOBS\17\17C\17C6402\DWG\CNG INJECTION SITES\GLENWOOD\ES17C6402D1.DWG,LAYOUT1,

ATTACHMENT 3

PO 32937

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 633611
Date: 9/30/2020 12:59 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4283
PO #:
Job #

Order Number: 3
NON-RECYCLABLE MIXED
Tons: 1115.000
Loads: 72

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
901 NON-RECYCLABLE M...		26.000 CY		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
51.78 Tn 103,560 Lb	21.36 Tn 42,720 lb	30.42 Tn 60,840 Lb	12:34 PM	12:34 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4283

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 645 2563

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck #72
License-31553-TC
US DOT #1153131 NY

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On behalf of + as Agent for National Grid Craig Hayes | Signature: Craig Hayes | Month: 9 | Day: 30 | Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington | Signature: G. H | Month: 9 | Day: 30 | Year: 20

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz | Signature: M. Fritz | Month: 9 | Day: 30 | Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

PO 32937

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 633582
Date: 9/30/2020 10:51 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4288
PO #:
Job #

Order Number: 3
NON-RECYCLABLE MIXED
Tons: 1084.580
Loads: 71

1653 - HORAN#53 - 18Y - 51910MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
901 NON-RECYCLABLE M...		19.000 CY		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
35.76 Tn 71,520 Lb	13.90 Tn 27,800 lb	21.86 Tn 43,720 Lb	10:51 AM	10:51 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4288

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck #53
License - 51910-MN
US DOT# 1153131 NY

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On behalf of as Agent for National Grid Craig Hayes
Signature: Craig Hayes
Month: 9 Day: 30 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington
Signature:
Month: 9 Day: 30 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 9 Day: 30 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

PO 32937

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 633650
Date: 9/30/2020 2:36 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #:
PO #:
Job #

Order Number: 3
NON-RECYCLABLE MIXED
Tons: 1149.310
Loads: 73

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
901 NON-RECYCLABLE M...		32.000 CY		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.67 Tn 111,340 Lb	21.36 Tn 42,720 lb	34.31 Tn 68,620 Lb	2:36 PM	2:36 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4286

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: ~~516 545 2553~~

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck # 72
license # 31553-TC
Trailer # BH-36742
US DOT#1153131 NY

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On behalf of & as agent for National Grid Craig Hayes | Signature: Craig Hayes | Month 9 | Day 30 | Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington | Signature: | Month 9 | Day 30 | Year 20

Transporter 2 Printed/Typed Name: | Signature: | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz | Signature: | Month 9 | Day 30 | Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

PO 32931

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 633554
Date: 9/30/2020 9:04 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4287
PO #:
Job #

Order Number: 3
NON-RECYCLABLE MIXED
Tons: 1062.720
Loads: 70

1653 - HORAN#53 - 18Y - 51910MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
901 NON-RECYCLABLE M...		18.000 CY		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
36.28 Tn 72,560 Lb	13.90 Tn 27,800 lb	22.38 Tn 44,760 Lb	9:03 AM	9:03 AM

Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4287

GENERATOR

5. Generator's Name and Mailing Address

NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545 2563

Generator's Site Address (if different than mailing address)

NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: HORAN SAND & GRAVEL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25 ~~35~~	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1)WO# 16122

Truck #53
License - 51910-MN
US DOT # 1153131 NY

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On behalf of + as agent for National Grid Craig Hayes — Signature: Craig Hayes — Month 9 Day 30 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington — Signature — Month 9 Day 30 Year 20

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature — Month 9 Day 30 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

PO 32937

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634295
Date: 10/6/2020 8:15 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4302
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 25.950
Loads: 1

1657 - HORAN#57-22Y - 77574MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		25.95 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
42.27 Tn 84,540 Lb	16.32 Tn 32,640 lb	25.95 Tn 51,900 Lb	8:15 AM	8:15 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4302

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
U.S. EPA ID Number
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck #57
Plate # 77574 MN
Onsite Time
IN / Out
715am 730am

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name:
Signature: ROBERT McNulty
Month: 10 Day: 6 Year: 20
Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 06 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634296
Date: 10/6/2020 8:44 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4303
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 221.840
Loads: 6

1663 - HORAN#63-37Y - BB66778
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		38.7 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
60.45 Tn 120,900 Lb	21.75 Tn 43,500 lb	38.70 Tn 77,400 Lb	8:19 AM	8:43 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4303

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck# 63
Plate# 23867TC
Onsite Time
IN OUT
717am 735am

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: HORAN
Signature: Jose Cuevas
Month 9 Day 6 Year 20
Transporter 2 Printed/Typed Name:
Signature: Jose Cee
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Michael Frith
Signature: M. Frith
Month 10 Day 6 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634298
Date: 10/6/2020 8:24 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4305
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 71.550
Loads: 2

64084 - WEST COAST#613 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		45.6 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
64.46 Tn 128,920 Lb	18.86 Tn 37,720 lb	45.60 Tn 91,200 Lb	8:23 AM	8:23 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4305

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
721am - 740am
Truck# 1013
Plate# 31162TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid
Signature: Matt Mills
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ian Jr.
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 06 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634302
Date: 10/6/2020 8:34 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4304
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 108.330
Loads: 3

1671 - HORAN#71 - AK59726
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.78 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.27 Tn	21.49 Tn	36.78 Tn	8:33 AM	8:33 AM
116,540 Lb	42,980 lb	73,560 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4304

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
730am 746am
Truck# 71
Plate# 23195TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month 10 Day 6 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Horan
Signature:
Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month 10 Day 6 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634303
Date: 10/6/2020 8:40 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4316
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 146.860
Loads: 4

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		38.53 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.02 Tn 114,040 Lb	18.49 Tn 36,980 lb	38.53 Tn 77,060 Lb	8:39 AM	8:39 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4316

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
741am - 755am
Truck# 47
Plate# 10598TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN AMTHUM
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 6 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634304
Date: 10/6/2020 8:43 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4292
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 183.140
Loads: 5

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.28 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.64 Tn 115,280 Lb	21.36 Tn 42,720 lb	36.28 Tn 72,560 Lb	8:42 AM	8:42 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4292

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Solls	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
750am 8am
Plate# 31553TC
Truck# 72

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington
Signature
Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature: M. Fritz
Month 10 Day 6 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634325
Date: 10/6/2020 10:03 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4301
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 247.110
Loads: 7

1657 - HORAN#57-22Y - 77574MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		25.27 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
41.59 Tn 83,180 Lb	16.32 Tn 32,640 lb	25.27 Tn 50,540 Lb	10:02 AM	10:02 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4301

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
911am - 920am
Truck# 57
Plate# 77574 MN

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT MC NULTY
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 6 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634326
Date: 10/6/2020 10:12 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4297
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 284.460
Loads: 8

1663 - HORAN#63-37Y - BB66778
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		37.35 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
59.10 Tn 118,200 Lb	21.75 Tn 43,500 lb	37.35 Tn 74,700 Lb	10:11 AM	10:12 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4297

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122

Onsite Time
IN OUT
926am - 935am

Truck# 63
Plate# 23867TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: HORAN
Signature: Jose Gomez
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Foth
Signature: M. Foth
Month: 10 Day: 6 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634327
Date: 10/6/2020 10:41 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4307
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 389.880
Loads: 11

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		39.48 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.45 Tn 116,900 Lb	18.97 Tn 37,940 lb	39.48 Tn 78,960 Lb	10:14 AM	10:41 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 0 7

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122

On Site Time
IN Out
928am - 940am

Truck # 1013
Plate # 31162

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ian Jr.
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 6 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634330
Date: 10/6/2020 10:26 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4298
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 317.330
Loads: 9

1671 - HORAN#71 - AK59726
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		32.87 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
54.36 Tn 108,720 Lb	21.49 Tn 42,980 lb	32.87 Tn 65,740 Lb	10:26 AM	10:26 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4298

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: HORAN SAND & GRAVEL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck # 71
Plate # 23195 TC
Onsite Time
IN OUT
940am - 950am

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Hille — Signature — Month 10 Day 6 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name — Signature — Month 10 Day 6 Year 20
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Michael Frith — Signature — Month 10 Day 06 Year 20

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634331
Date: 10/6/2020 10:33 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4306
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 350.400
Loads: 10

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		33.07 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
51.56 Tn 103,120 Lb	18.49 Tn 36,980 lb	33.07 Tn 66,140 Lb	10:32 AM	10:32 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4306

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122

Onsite Time
IN OUT
942am - 952am

Truck# 47

Plate# 10598TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of National Grid Matt Miller
Signature
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN ARTHUR
Signature
Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith
Signature
Month 10 Day 06 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634345
Date: 10/6/2020 11:46 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4300
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 412.340
Loads: 12

1657 - HORAN#57-22Y - 77574MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		22.46 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
38.78 Tn 77,560 Lb	16.32 Tn 32,640 lb	22.46 Tn 44,920 Lb	11:45 AM	11:45 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-824-8111	NY4300

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122

Onsite Time
IN OUT
1057am - 1105am

Truck#57

Plate#777574

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT MC Nulty
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 06 Year: 20

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634347
Date: 10/6/2020 11:51 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4299
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 448.570
Loads: 13

1663 - HORAN#63-37Y - BB66778
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.23 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.98 Tn 115,960 Lb	21.75 Tn 43,500 lb	36.23 Tn 72,460 Lb	11:50 AM	11:50 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4299

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
1109am - 1117am
Truck# 63
Plate# 23867TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: HORAN
Signature: Jose Gallo Jose Gallo
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature: M. Fritz
Month: 10 Day: 6 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634352
Date: 10/6/2020 12:04 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4308
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 487.410
Loads: 14

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		38.84 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.81 Tn 115,620 Lb	18.97 Tn 37,940 lb	38.84 Tn 77,680 Lb	12:03 PM	12:03 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4308

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN OUT
1120am - 1130am
Truck # 1013
Plate # 31162 TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
On Behalf of Nat Grid Matt Miller	Matt Miller	10	6	20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tan Jr		10	6	20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Michael Frith		10	6	20

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634356
Date: 10/6/2020 12:27 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4296
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 522.000
Loads: 15

1671 - HORAN#71 - AK59726
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		34.59 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
56.08 Tn 112,160 Lb	21.49 Tn 42,980 lb	34.59 Tn 69,180 Lb	12:26 PM	12:26 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4296

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122

Truck# 71

Plate# 2319STC

Onsite Time
IN OUT
1138am - 1145am

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature:
Month: 10 Day: 6 Year: 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name:
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a

Printed/Typed Name: Michael Frith
Signature:
Month: 10 Day: 06 Year: 20

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634357
Date: 10/6/2020 12:30 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Mani. #: NY4309
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 1792.310
Loads: 52

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		32.7 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
51.19 Tn	18.49 Tn	32.70 Tn	12:29 PM	12:29 PM
102,380 Lb	36,980 lb	65,400 Lb		

Driver

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634357
Date: 10/6/2020 12:30 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4309
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 1792.310
Loads: 52

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		32.7 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
51.19 Tn	18.49 Tn	32.70 Tn	12:29 PM	12:29 PM
102,380 Lb	36,980 lb	65,400 Lb		

Driver

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4309

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck# 47
Plate# 10598TC
On Site Time
IN 1140am
OUT 1150am

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Stephen Antinucci
Signature:
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith
Signature:
Month: 10 Day: 06 Year: 20

GENERATOR — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#11422

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634359
Date: 10/6/2020 12:42 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4295
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 591.480
Loads: 17

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.78 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.14 Tn 116,280 Lb	21.36 Tn 42,720 lb	36.78 Tn 73,560 Lb	12:41 PM	12:41 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4295

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck# 72
Plate# 31553TC
Onsite Time
IN 1153am - OUT 12pm

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Gregg Harrington
Signature:
Month 10 Day 6 Year 20
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Michael Frith
Signature:
Month 10 Day 6 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#1422

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634362
Date: 10/6/2020 12:52 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4294
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 613.010
Loads: 18

1653 - HORAN#53 - 18Y - 51910MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		21.53 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
35.43 Tn 70,860 Lb	13.90 Tn 27,800 lb	21.53 Tn 43,060 Lb	12:51 PM	12:51 PM

Driver

COPY

#16122

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4294

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information 1)WO# 16122

Truck# 53
Plate# 51910 MN

Onsite Time
IN OUT
12pm -

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard DiSano
Signature: Richard DiSano
Month: 10 Day: 6 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature: M. Fritz
Month: 10 Day: 06 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634377
Date: 10/6/2020 1:35 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4293
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 693.720
Loads: 21

1657 - HORAN#57-22Y - 77574MN
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		23.23 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
39.55 Tn	16.32 Tn	23.23 Tn	1:34 PM	1:34 PM
79,100 Lb	32,640 lb	46,460 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4293

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: ~~516 545 2553~~

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN 1235pm
OUT 1244
Truck #57
Plate # 77574 MN

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ROBERT MCNULTY
Signature:
Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month 10 Day 06 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#1 10/6/22

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634375
Date: 10/6/2020 1:29 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4310
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 634.020
Loads: 19

44985 - HORAN#54 - 44985MM
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		21.01 tn		$0.00	$0.00	

COPY

Gross	Tare	Net	Time IN	Time OUT
35.79 Tn 71,580 Lb	14.78 Tn 29,560 lb	21.01 Tn 42,020 Lb	1:29 PM	1:29 PM

Driver

16122

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4310

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Solls	001	DT	25	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
Truck #54
Plate # 44985MM
Onsite Time
IN OUT
1234 - 1250

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid M. Miller — Signature — Month 10 Day 6 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jonathan Pisciotta — Signature — Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith — Signature — Month 10 Day 06 Year 20

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#16122

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634376
Date: 10/6/2020 1:32 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4311
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 670.490
Loads: 20

1663 - HORAN#63-37Y - BB66778
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.47 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.22 Tn	21.75 Tn	36.47 Tn	1:31 PM	1:31 PM
116,440 Lb	43,500 lb	72,940 Lb		

Driver

COPY

#16122

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 1 1

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name [redacted] Horan Sand & Gravel — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30 [redacted]	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information 1)WO# 16122

Onsite Time
In 1247pm
Out 1255pm

Truck#63
Plate#2386TTC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller — Signature: Matt Miller — Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: HORAN JOSE GUEVARA — Signature: Jose Guevara — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature: M. Fritz — Month 10 Day 06 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#1622

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634382
Date: 10/6/2020 1:54 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4315
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL -
GLENWOOD
Tons: 718.330
Loads: 22

1650 - ISLAND-50 - 20Y - 95338MM
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		24.61 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
37.46 Tn 74,920 Lb	12.85 Tn 25,700 lb	24.61 Tn 49,220 Lb	1:53 PM	1:53 PM

Driver

COPY

#16122

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4315

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name [redacted] Horan Sand & Gravel — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	25	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122

Onsite Time
IN OUT
1252 - 1pm

Truck # 50
Plate # 95338 MM

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller — Signature — Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Emil Stalzer — Signature — Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature — Month 10 Day 6 Year 20

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634383
Date: 10/6/2020 1:58 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4314
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 756.180
Loads: 23

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		37.85 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
56.82 Tn 113,640 Lb	18.97 Tn 37,940 lb	37.85 Tn 75,700 Lb	1:58 PM	1:58 PM

Driver Ian

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4314

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122

Onsite Time
IN OUT
104pm - 115pm

Truck#1013
Plate# 31162

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month: 10 Day: 6 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Jan Jr.
Signature:
Month: 1 Day: 15 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 06 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

#16122

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634394
Date: 10/6/2020 2:40 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4312
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 792.160
Loads: 24

1671 - HORAN#71 - AK59726
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		35.98 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.47 Tn 114,940 Lb	21.49 Tn 42,980 lb	35.98 Tn 71,960 Lb	2:39 PM	2:39 PM

Driver

COPY

16122

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4312

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name [redacted] Horan Sand & Gravel — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122
Onsite Time
IN 135pm - OUT 145pm
Truck# 71
Plate# 23195TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid M.Ct Miller — Signature: [signature] — Month 10 Day 6 Year 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [illegible] — Signature: [signature] — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature: [signature] — Month 10 Day 06 Year 20

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634400
Date: 10/6/2020 2:54 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4313
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 824.780
Loads: 25

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		32.62 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
51.11 Tn	18.49 Tn	32.62 Tn	2:53 PM	2:53 PM
102,220 Lb	36,980 lb	65,240 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 1 3

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information 1)WO# 16122

Truck# 47
Plate# 10598TC

Onsite Time
IN OUT
139pm - 155pm

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Nat Grid Matt Miller
Signature: Matt Miller
Month 10 Day 6 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN ARTHUR
Signature:
Month 10 Day 6 Year 20

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month 10 Day 06 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

PO 32931

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634519
Date: 10/7/2020 8:15 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4317
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 860.240
Loads: 26

1665 - HORAN#65 37Y - AS88286
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		35.46 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.51 Tn 111,020 Lb	20.05 Tn 40,100 lb	35.46 Tn 70,920 Lb	8:15 AM	8:15 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 1 7

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~. HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) WO# 16122 ON SITE
IN / OUT
7:09
TRUCK #65
LIC# 23868 TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATIONAL GRID HECTOR N. SOLER
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X ANTHONY DEASIO
Signature:
Month: 10 Day: 7 Year: RD

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634525
Date: 10/7/2020 8:29 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4318
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 895.230
Loads: 27

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number
		81

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		34.99 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
53.96 Tn	18.97 Tn	34.99 Tn	8:28 AM	8:28 AM
107,920 Lb	37,940 lb	69,980 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4318

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122 IN/OUT 7:30
TRUCK #1013
PLATE# 3116ZTC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATIONAL GRID HECTOR N. SOLER | Signature: Hector N. Soler | Month: 10 | Day: 07 | Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ian Jr. | Signature | Month: 10 | Day: 7 | Year: 20

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith | Signature | Month: 10 | Day: 7 | Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634526
Date: 10/7/2020 8:57 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4319
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 997.500
Loads: 30

7124 - WEST COAST REC#1313 - BL71241
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number
		31

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		39.24 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.13 Tn 116,260 Lb	18.89 Tn 37,780 lb	39.24 Tn 78,480 Lb	8:33 AM	8:56 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4319

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: ROCK TECH INC. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
7:43 7:51
Truck # 1313
Plate # 28770TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATIONAL GRID Heston N. Soles — Signature: Heston N. Soles — Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Zelaya — Signature: — Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature: — Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634529
Date: 10/7/2020 9:11 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4320
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1064.770
Loads: 32

1601 - HORAN#1 38Y - BT69255
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		31.87 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
52.31 Tn 104,620 Lb	20.44 Tn 40,880 lb	31.87 Tn 63,740 Lb	8:45 AM	9:10 AM

Driver

COPY

1601

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4320

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~ HORAN SAND + GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
7:54 8:05
TRUCK # 01
PLATE# 31554 TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
ON BEHALF OF NATIONAL GRID HECTOR N. SOLER		10	07	20

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year

Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Michael Fritz		10	7	20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634531
Date: 10/7/2020 8:50 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4321
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 958.260
Loads: 29

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		31.06 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
49.55 Tn 99,100 Lb	18.49 Tn 36,980 lb	31.06 Tn 62,120 Lb	8:49 AM	8:49 AM

COPY

Driver

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4321

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) WO# 16122 IN/OUT
8:07 8:14
Truck # 47
Plate # 10598

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATIONAL GRID HEATON N. SOLIS
Signature
Month 10 Day 07 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN ARTHUR
Signature
Month 10 Day 7 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature
Month 10 Day 7 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634530
Date: 10/7/2020 8:47 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4322
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL -
GLENWOOD
Tons: 927.200
Loads: 28

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		31.97 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
53.33 Tn	21.36 Tn	31.97 Tn	8:47 AM	8:47 AM
106,660 Lb	42,720 lb	63,940 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4322

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
8:16 8:23
Truck #72
Plate #31553TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of National Grid Heather N. Solis
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Gregg Harrington
Signature:
Month: 10 Day: 07 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634534
Date: 10/7/2020 9:01 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4327
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1032.900
Loads: 31

1667 - HORAN#67 - BR29001
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		35.4 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
54.22 Tn 108,440 Lb	18.82 Tn 37,640 lb	35.40 Tn 70,800 Lb	9:00 AM	9:00 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4327

GENERATOR

5. Generator's Name and Mailing Address

NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)

NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: ~~ROCK TECH INC.~~ HORAN SAND & GRAVEL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information

1)WO# 16122

IN / OUT
8:26 8:32

TRUCK# 67 HORAN
PLATE# 26876TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
ON BEHALF OF NATIONAL GRID HECTOR N SOLER		10	07	20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
PAUL SUMPTER		10	7	20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month / Day / Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Michael Fritz		10	7	20

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DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634554
Date: 10/7/2020 10:04 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4328
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1099.170
Loads: 33

1665 - HORAN#65 37Y - AS88286
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		34.4 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
54.45 Tn 108,900 Lb	20.05 Tn 40,100 lb	34.40 Tn 68,800 Lb	10:04 AM	10:04 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4328

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~ HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
9:19 9:28
Truck# 65
Plate# 23868TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID Hector N. Soler
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: ANTHONY DEASIO
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Foth
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634560
Date: 10/7/2020 10:27 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4329
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1137.480
Loads: 34

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		38.31 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.28 Tn 114,560 Lb	18.97 Tn 37,940 lb	38.31 Tn 76,620 Lb	10:27 AM	10:27 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 2 9

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information 1)WO# 16122
IN / OUT
9:38 9:45
TRUCK# 1013
PLATE# 31162TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOLER
Signature
Month 10 Day 07 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ian Jr.
Signature
Month 10 Day 7 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature
Month 10 Day 7 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634563
Date: 10/7/2020 10:33 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4330
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1174.190
Loads: 35

7124 - WEST COAST REC#1313 - BL71241
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		36.71 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.60 Tn 111,200 Lb	18.89 Tn 37,780 lb	36.71 Tn 73,420 Lb	10:32 AM	10:32 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4330

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)WO# 16122 IN/OUT
9:40 9:50
Truck# 1313
Plate# 2877OTC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON Behalf of NAT Grid Hector N. Solis
Signature
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Oscar Zelaya
Signature
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634569
Date: 10/7/2020 10:52 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4331
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1206.040
Loads: 36

1601 - HORAN#1 38Y - BT69255
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		31.85 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
52.29 Tn 104,580 Lb	20.44 Tn 40,880 lb	31.85 Tn 63,700 Lb	10:51 AM	10:51 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4331

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC.~~ HORAN SAND + GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) WO# 16122
IN / OUT
9:50 10:00
TRUCK # 01
PLATE # 31554TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID Hector N. Soler
Signature
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X
Signature
Month / Day / Year

Transporter 2 Printed/Typed Name
Signature
Month / Day / Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month / Day / Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634573
Date: 10/7/2020 11:03 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4332
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1275.500
Loads: 38

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		32.16 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
50.65 Tn	18.49 Tn	32.16 Tn	11:02 AM	11:02 AM
101,300 Lb	36,980 lb	64,320 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4332

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: ~~516 545 2553~~

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
9:58 10:07
Truck # 47
Plate # 10598TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATGRID HECTOR N. SOLER
Signature
Month 10 Day 07 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN
Signature
Month 10 Day 7 Year 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Foth
Signature
Month 10 Day 7 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634570
Date: 10/7/2020 10:56 AM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4333
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1243.340
Loads: 37

1667 - HORAN#67 - BR29001
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		37.3 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
56.12 Tn 112,240 Lb	18.82 Tn 37,640 lb	37.30 Tn 74,600 Lb	10:54 AM	10:54 AM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4333

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~. HORAN ~~SAND~~ & GRAVEL — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1) WO# 16122
IN / OUT
10:04 10:15
Truck # 67 HORAN
Plate 26876TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF of NAT GRID HEATON D. SOLA — Signature — Month 10 Day 07 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: PAUL FUNFGELD — Signature — Month 10 Day 7 Year 20

Transporter 2 Printed/Typed Name — Signature — Month Day Year

FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Name: Fritz — Signature — Month 10 Day 7 Year 20

d (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634590
Date: 10/7/2020 12:02 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4334
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1309.620
Loads: 39

1665 - HORAN#65 37Y - AS88286
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		34.12 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
54.17 Tn 108,340 Lb	20.05 Tn 40,100 lb	34.12 Tn 68,240 Lb	12:01 PM	12:01 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4334

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC.~~ HORAN SAND & GRAVEL

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
11:16 11:24
TRUCK# 65
PLATE# 23868TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOLER
Signature
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X ANTHONY DEROSA
Signature
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Foltz
Signature
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634592
Date: 10/7/2020 12:20 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4335
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1349.520
Loads: 40

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		39.9 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.87 Tn 117,740 Lb	18.97 Tn 37,940 lb	39.90 Tn 79,800 Lb	12:19 PM	12:19 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4335

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: ROCK TECH INC. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone: — U.S. EPA ID Number:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122 IN/OUT
11:26 11:34
TRUCK# 1013
PLATE# 31162TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HEATON N. SOLA — Signature: [signature] — Month: 10 — Day: 07 — Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: + Ian Jr. — Signature: [signature] — Month: 10 — Day: 7 — Year: 20

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month — Day — Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz — Signature: [signature] — Month: 10 — Day: 7 — Year: 20

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DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634593
Date: 10/7/2020 12:23 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4363
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1388.870
Loads: 41

7124 - WEST COAST REC#1313 - BL71241
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		39.35 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.24 Tn 116,480 Lb	18.89 Tn 37,780 lb	39.35 Tn 78,700 Lb	12:22 PM	12:22 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4383

GENERATOR

5. Generator's Name and Mailing Address

NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801

Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)

NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: ROCK TECH INC. — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

110 Sand Company
136 Spagnoli Road
Melville NY 11747

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1)WO# 16122

IN / OUT
11:29 11:42

TRUCK # 1313

PLATE # 2877OPC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOSA — Signature — Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Oscar Zelaya — Signature — Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Foitz — Signature — Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634601
Date: 10/7/2020 12:47 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4364
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 1462.410
Loads: 43

1601 - HORAN#1 38Y - BT69255
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC-APPROVED...		31.99 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
52.43 Tn 104,860 Lb	20.44 Tn 40,880 lb	31.99 Tn 63,980 Lb	12:46 PM	12:46 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4364

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~ HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
11:47 11:57
TRUCK #01
PLATE # 31554TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOLER
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634600
Date: 10/7/2020 12:44 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4365
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL - GLENWOOD
Tons: 1430.420
Loads: 42

1667 - HORAN#67 - BR29001
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		41.55 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
60.37 Tn 120,740 Lb	18.82 Tn 37,640 lb	41.55 Tn 83,100 Lb	12:43 PM	12:43 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4365

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC.~~ HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122 IN / OUT
12:00 12:09
Truck # 67 Horan
Plate 26876TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NATGRID HECTOR N. SOLER
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Paul Funfgeld
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634605
Date: 10/7/2020 12:56 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4367
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1496.680
Loads: 44

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED		34.27 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.63 Tn 111,260 Lb	21.36 Tn 42,720 lb	34.27 Tn 68,540 Lb	12:55 PM	12:55 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 6 7

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
~~ROCK TECH INC~~. Horan Sand & Gravel
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1) WO# 16122
IN / OUT
12:03 12:13
Truck # 72
Plate # 31553TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON Behalf of Nat Grid Hector N. Soler
Signature: Hector N. Soler
Month 10 Day 07 Year 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Gregg Harrington
Signature:
Month 10 Day 7 Year 20

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Frith
Signature:
Month 10 Day 7 Year 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634611
Date: 10/7/2020 1:14 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4366
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1531.480
Loads: 45

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		34.8 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
53.29 Tn 106,580 Lb	18.49 Tn 36,980 lb	34.80 Tn 69,600 Lb	1:13 PM	1:13 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
N Y D 0 0 0 7 0 6 0 4 4	1	631-924-8111	N Y 4 3 6 6

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	0 0 1	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
12:09 12:20
Truck # 47
Plate # 10598TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
On Behalf of Nat Grid Hector N. Soler		10	07	20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
X Stephen Arthur		10	7	20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month	Day	Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Michael Fritz		10	7	20

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634626
Date: 10/7/2020 2:04 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4285
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1567.200
Loads: 46

1665 - HORAN#65 37Y - AS88286
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		35.72 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.77 Tn	20.05 Tn	35.72 Tn	2:03 PM	2:03 PM
111,540 Lb	40,100 lb	71,440 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4285

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
1:18 1:25
TRUCK# 65
PLATE# 23868TC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOLER
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X ANTHONY OCASIO
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Michael Fritz
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634632
Date: 10/7/2020 2:19 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4369
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1645.040
Loads: 48

7124 - WEST COAST REC#1313 - BL71241
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		38.73 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
57.62 Tn 115,240 Lb	18.89 Tn 37,780 lb	38.73 Tn 77,460 Lb	2:19 PM	2:19 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4369

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
1:27 1:39
Truck #1313
Plate # 2877OTC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON Behalf of NAT Grid Hector N. Soler
Signature
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X Oscar Zelaya
Signature
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bryan Winter
Signature
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634629
Date: 10/7/2020 2:12 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4368
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1606.310
Loads: 47

64084 - WEST COAST#1013 - BN64084
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number
		1

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		39.11 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
58.08 Tn 116,160 Lb	18.97 Tn 37,940 lb	39.11 Tn 78,220 Lb	2:11 PM	2:11 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD000706044	1	631-924-8111	NY4368

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN/OUT
1:23 1:33
Truck #1013
Plate #3116ZTC

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT Grid Heather N. Soler
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Ian Jr.
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bryan Winter
Signature:
Month: 10 Day: 9 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634636
Date: 10/7/2020 2:29 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4284
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1685.850
Loads: 49

1667 - HORAN#67 - BR29001
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		40.81 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
59.63 Tn	18.82 Tn	40.81 Tn	2:29 PM	2:29 PM
119,260 Lb	37,640 lb	81,620 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4284

GENERATOR

5. Generator's Name and Mailing Address

NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801

Generator's Phone: ~~516 545 2553~~

Generator's Site Address (if different than mailing address)

NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name — U.S. EPA ID Number

HORAN SAND & GRAVEL

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

110 Sand Company
136 Spagnoli Road
Melville NY 11747

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1)WO# 16122

IN / OUT
1:38 1:47

Truck# 67 Horan
Plate# 26876TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name	Signature	Month	Day	Year
ON BEHALF OF NAT GRID HECTOR N. SOSA		10	07	20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
X SAM Fungfeld	Sam Fungfeld	10	7	20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name	Signature	Month	Day	Year
Bryan Worter		10	7	20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634638
Date: 10/7/2020 2:37 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4336
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1719.350
Loads: 50

36742 - HORAN#72 - 32Y - BH36742
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		33.5 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
54.86 Tn	21.36 Tn	33.50 Tn	2:37 PM	2:37 PM
109,720 Lb	42,720 lb	67,000 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4338

GENERATOR

5. Generator's Name and Mailing Address

NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)

NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name: HORAN SAND & GRAVEL — U.S. EPA ID Number:

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address — U.S. EPA ID Number:

110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information

1) WO# 16122

IN / OUT
1:52 1:59

Truck #72
Plate #31553TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID Heather N. Soler — Signature — Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: x Greg Harrington — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month: 10 Day: 7 Year: 20

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number:

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bryan Winter — Signature — Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company

136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634649
Date: 10/7/2020 3:04 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4337
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1754.900
Loads: 51

1601 - HORAN#1 38Y - BT69255
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk

Payment Information

Type	Amount	Check Number

Remarks:

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		35.55 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.99 Tn	20.44 Tn	35.55 Tn	3:03 PM	3:03 PM
111,980 Lb	40,880 lb	71,100 Lb		

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4337

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
HORAN SAND & GRAVEL
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
1:56 2:07
TRUCK #01
PLATE # 31554TC

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR M. SOTO
Signature:
Month: 10 Day: 07 Year: 20

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: X
Signature:
Month: Day: Year:

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bryon Winter
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

110 Sand Company
136 Spagnoli Road
Melville, NY 11747

Business Office:
170 Cabot Street
West Babylon NY, 11704

Ticket #: 634657
Date: 10/7/2020 3:23 PM
Phone: (631) 249-4108
Fax: (631) 249-4126

Customer: 999173
WRS ENVIRONMENTAL SERVICES
17 OLD DOCK ROAD
YAPHANK NY, 11980

Manifest #: NY4370
PO #:
Job #

Order Number: 14
DEC APPROVED MATERIAL
GLENWOOD
Tons: 1792.310
Loads: 52

R4672 - G&S #47 - 36Y - BR46728
MTF - Michael Fritz License#602339
110 Sand Co - Suffolk
Remarks:

Payment Information

Type	Amount	Check Number

Material	Location Address	Quantity	Price	Misc $	Tax $	Line Total $
950 NYS DEC APPROVED...		37.41 tn		$0.00	$0.00	

Gross	Tare	Net	Time IN	Time OUT
55.90 Tn 111,800 Lb	18.49 Tn 36,980 lb	37.41 Tn 74,820 Lb	3:23 PM	3:23 PM

Driver

COPY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NYD000706044	1	631-924-8111	NY4370

GENERATOR

5. Generator's Name and Mailing Address
NATIONAL GRID
175 E OLD COUNTRY RD
HICKSVILLE NY 11801
Generator's Phone: 516 545-2553

Generator's Site Address (if different than mailing address)
NATIONAL GRID GLENWOOD
SHORE RD
GLENWOOD NY

6. Transporter 1 Company Name
ROCK TECH INC.
U.S. EPA ID Number

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
110 Sand Company
136 Spagnoli Road
Melville NY 11747
Facility's Phone:
U.S. EPA ID Number

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non DOT/Non RCRA Regulated Soils	001	DT	30	Y	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
1)WO# 16122
IN / OUT
2:16 2:26
TRUCK # 47
PLATE # 10598TC

INT'L

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: ON BEHALF OF NAT GRID HECTOR N. SOTO
Signature:
Month: 10 Day: 07 Year: 20

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: STEPHEN ANTHONY
Signature:
Month: 10 Day: 7 Year: 20

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Bryan Winter
Signature:
Month: 10 Day: 7 Year: 20

169-BLC-O 6 10498 (Rev. 8/06)

DESIGNATED FACILITY TO GENERATOR

ATTACHMENT 4

NEW YORK STATE OF OPPORTUNITY. Department of Health

ANDREW M. CUOMO
Governor

HOWARD A. ZUCKER, M.D., J.D.
Commissioner

LISA J. PINO, M.A., J.D.
Executive Deputy Commissioner

February 1, 2021

Jenelle Gaylord
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233

Re: **Control Trailer Air Sampling Summary Letter**
Glenwood Landing Former Gas Plant Site
Site #V003511
Glenwood Landing, Nassau County

Dear Ms. Gaylord,

I reviewed to January 2021 *Control Trailer Air Sampling Summary Letter* for the National Grid Glenwood Landing Former Gas Plant Site Glenwood Landing, Nassau County. After reviewing the indoor and ambient air data, it is unlikely that the contaminants detected are the result of soil vapor intrusion. The chemicals detected in the indoor air of the Control Trailer are likely the result of the activities being conducted on-site at the time of sampling, or items within or the components of the newly constructed Control Trailer. However, while it does not appear that SVI is the cause of compounds detected in the indoor air of the trailer, steps should be taken to identify potential sources and actions (such as increased ventilation) can be implemented to reduce these concentrations to typical background levels.

If you have any questions concerning my comments, please contact me at (518) 402-7883.

Sincerely,

Jacquelyn Nealon

Jacquelyn Nealon
Public Health Specialist 3
Bureau of Environmental Exposure Investigation

Cc: C. Bethoney / e-File
C. Westerman – NYSDOH MARO
D. Irwin / R. Putnam – NCDOH
R. Mustico/J. Dyber – NYSDEC Central Office
C. Engelhardt – NYSDEC Region 1

Jessica Phillips
Project Engineer
Site Investigation & Remediation

nationalgrid

April 12, 2021

Ms. Jenelle Gaylord
Assistant Geologist, Bureau E
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7014

National Grid Glenwood Landing Former Gas Plant Site Area1A
Monitoring Well Abandonment Summary Letter
Glenwood Landing, New York
Site No. V00351

Dear Ms. Gaylord:

This report is a summary of the MW-01, MWD-01, MWD-02, and MW-04 monitoring well abandonments completed at the Glenwood Landing Former Gas Plant Site located in Glenwood Landing, New York (the Site) on March 25, 2021. A site map is provided as **Figure 1**.

A workplan and request to abandon letter was submitted to the New York State Department of Environmental Conservation (NYSDEC) on November 19, 2020 and approved by the NYSDEC on January 28, 2021. National Grid retained GEI Consultants, Inc., P.C. (GEI) to conduct environmental oversight of the abandonment of the four monitoring wells in accordance with the NYSDEC Technical Guidance CP43: *Groundwater Monitoring Well Decommissioning Policy*, dated November 3, 2009 (CP43).

Summary of Field Activities

GEI provided environmental oversite and retained Aquifer Drilling & Testing, Inc. (ADT) to conduct the monitoring well abandonments. The monitoring wells were constructed of two-inch diameter polyvinyl chloride (PVC) to depths of 10.20', 90.81', 63.3', and 11.05' respectively. The steel stickups and concrete aprons were removed from each of the wells. The wells were abandoned via tremie grout in place using a bentonite and Portland cement mixture from the bottom of the well to a foot below grade. The top one to three feet of PVC riser was removed from each well and existing soil and was used to level out the work area and existing material was used to restore the work area surface.

The work was completed in general accordance with the work plan and CP43. Well Decommissioning Records can be found as **Attachment 2.**

175 East Old Country Road, Hicksville, NY 11801
T: 516.581.7313 ■ F: 516.545.2582 ■ **Jessica.Phillips@nationalgrid.com** ■ www.nationalgrid.com

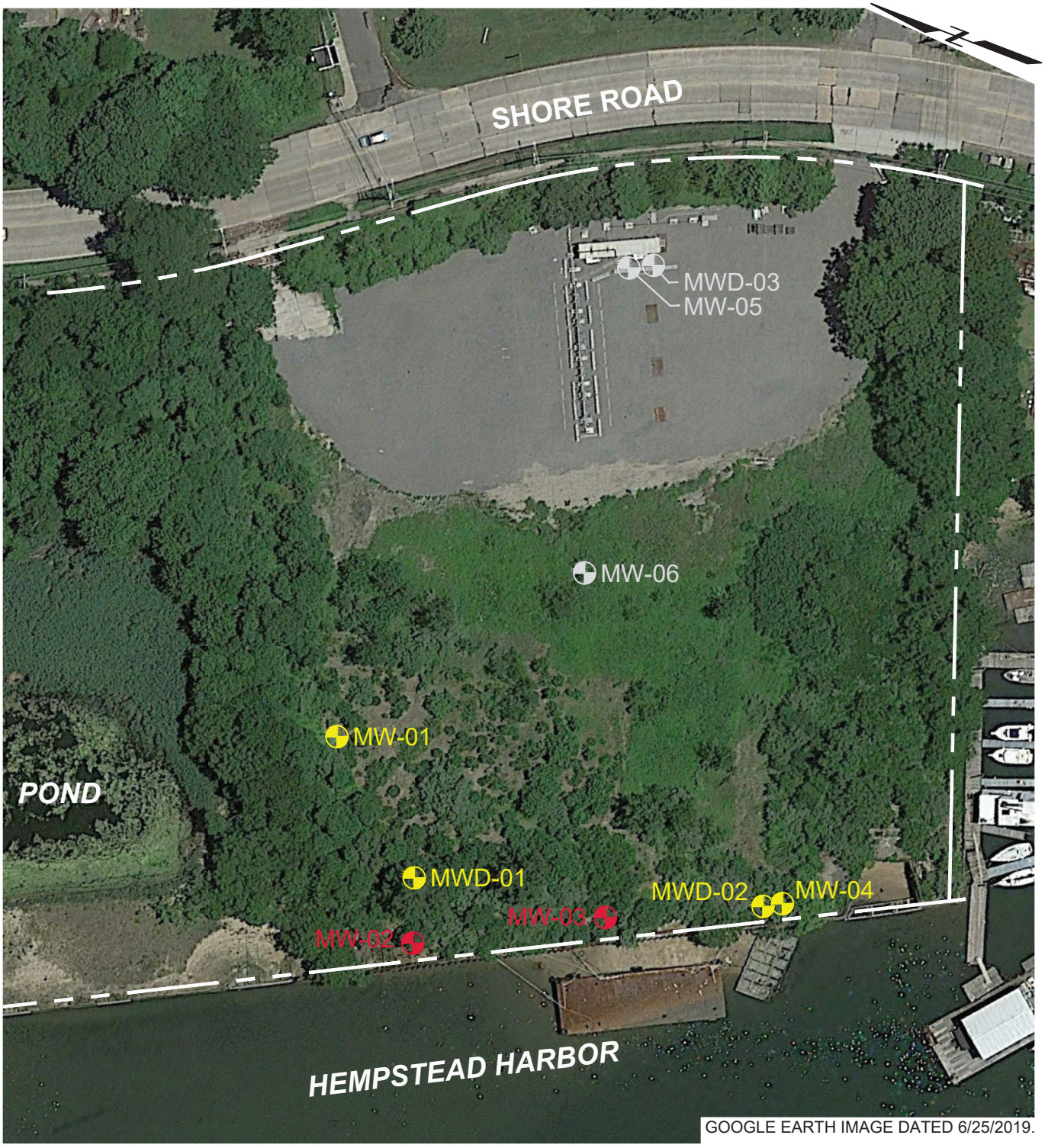
If you have any questions, feel free to contact me at (516) 581-7313 or by email at jessica.phillips@nationalgrid.com.

Very truly yours,

Christopher Morris, P.G.
on behalf of
Jessica Phillips

Attachments
cc: M. Quinlan (National Grid)
T. Johansen (GEI)

ATTACHMENT 1



GOOGLE EARTH IMAGE DATED 6/25/2019.

0 80 160

Approximate Scale, Feet

LEGEND:

- WELL TO BE ABANDONED
- WELL NOT FOUND
- WELL INACCESSIBLE DUE SAFETY CONCERN ALONG BULKHEAD

NOTES:

1. MONITORING WELL LOCATIONS FROM *"GLENWOOD LANDING GAS PLANT SITE, GLENWOOD LANDING, NEW YORK, SITE PLAN,"* DRAWING NUMBER 1-2, PREPARED BY VANASSE HANGEN BRUSTLIN, INC. DATED MARCH 2003.

Former Glenwood Landing Gas Plant Glenwood Landing, New York	GEI Consultants	AREA-1A MONITORING WELL LOCATION FIGURE
National Grid	Project 1702897	April 2021 Fig. 1

\\BOS1L-PCLIN \\bos1v-fs02\HTS-DATA\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Glenwood Landing\00_CAD\Figures\SMP\1702897 GL-02.dwg - 11/17/2020

ATTACHMENT 2

FIGURE 1

SITE NAME: Glenwood Landing Area 1A

SITE ID.: V00351
INSPECTOR: K. Donaldson
DATE/TIME: 3/25/21 0830
WELl ID.: MW-01

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

	YES	NO
WELL VISIBLE? (If not, provide directions below)	✓	
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: YES

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	N/A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel 3 feet
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): N/A	

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE? Measured from North Side		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	10.20
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	10.08
MEASURE WELL DIAMETER (Inches):	2.00
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	N/A
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N/A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Well was located along NW perimeter of bluestone on Edge of Fencing Seperating green space

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located on Bluestone

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

N/A

REMARKS:

NONE

FIGURE 3

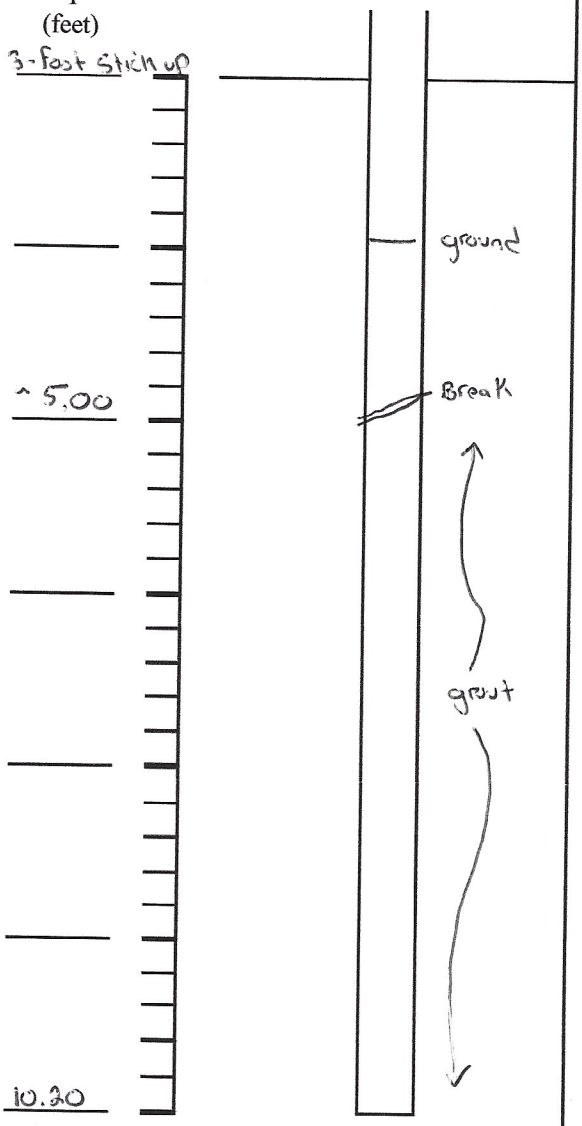
WELL DECOMMISSIONING RECORD

Site Name: Glenwood Landing Area 1A	Well I.D.: MW-01
Site Location: 350 shore road	Driller: Brian
Drilling Co.: ADT	Inspector: K. Donaldson
	Date: 3/25/21

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	plumbers wrench
Casing retrieved (feet)	~5.00
Casing type/dia. (in)	Sch 40 PVC 2-inch
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING Portland/Bentonite Mixture	
Interval grouted (FBLS)	10.20
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	1.55
Quantity of cement used (lbs.)	N/A
Cement type	Portland
Quantity of bentonite used (lbs.)	N/A
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	4
Volume of grout used (gal.)	4

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 1

SITE NAME: Glenwood Landing Area 1A

SITE ID.: V00351
INSPECTOR: K. Donaldson
DATE/TIME: 3/25/21 0900
WELL ID.: MWD-01

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

	YES	NO
WELL VISIBLE? (If not, provide directions below)	✓	
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: N/A

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	N/A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	Steel 3Ft
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	N/A

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE? Measured from North side		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	90.31
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	4.08
MEASURE WELL DIAMETER (Inches):	2.00
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	N/A
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N/A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Well was located West of MW-01 in green space Amongst Shrubs + Trees

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

located in Soil

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

N/A

REMARKS:

FIGURE 3

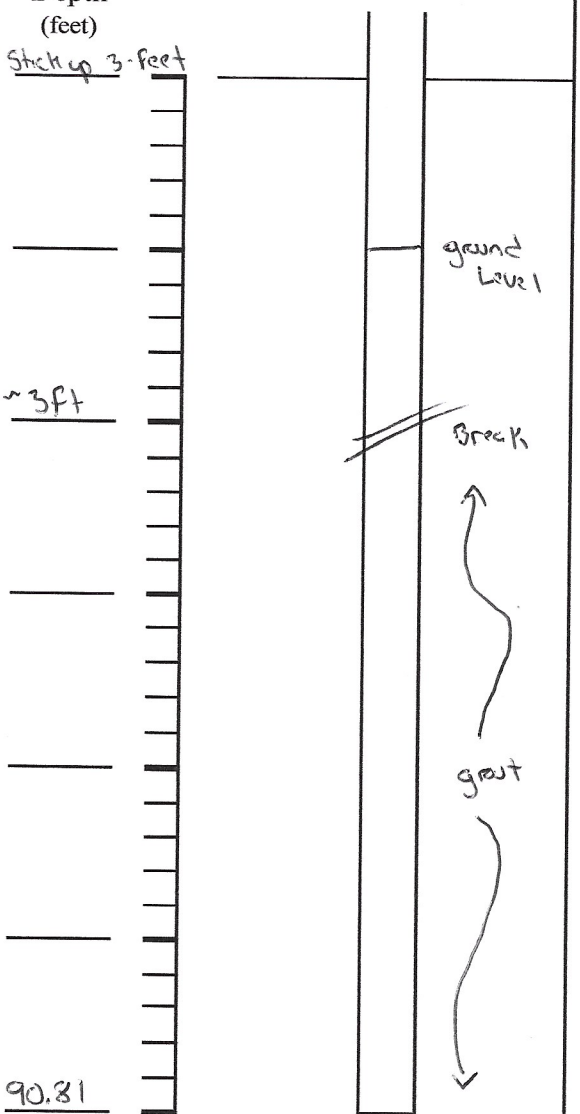
WELL DECOMMISSIONING RECORD

Site Name: Glenwood Landing Area 1A	Well I.D.: MWD-01
Site Location: 350 shore road	Driller: Brian
Drilling Co.: ADT	Inspector: K. Donaldson
	Date: 3/25/21

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	↓
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	↓
CASING PULLING	
Method employed	HAND
Casing retrieved (feet)	3ft
Casing type/dia. (in)	sch 40 PVC 2. inch
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	↓
Size of perforations	
Interval perforated	↓
GROUTING	
Interval grouted (FBLS)	90.81
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	13.96
Quantity of cement used (lbs.)	N/A
Cement type	Portland
Quantity of bentonite used (lbs.)	N/A
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	20.00
Volume of grout used (gal.)	20.00

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 1

SITE NAME: Glenwood Landing Area 1A

SITE ID.: V00351
INSPECTOR: K. Donaldson
DATE/TIME: 3/25/21 1040
WELL ID.: MWD-02

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

	YES	NO
WELL VISIBLE? (If not, provide directions below)	✓	
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: N/A

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	N/A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	3- Feet
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches):	

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE? Measured from North Side		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	63.33
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	6.67
MEASURE WELL DIAMETER (Inches):	2.00
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	NA
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	NA
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	NA

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Well was located on SW side of property in green space.

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Well located in Soil

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

N/A

REMARKS:

None

FIGURE 3

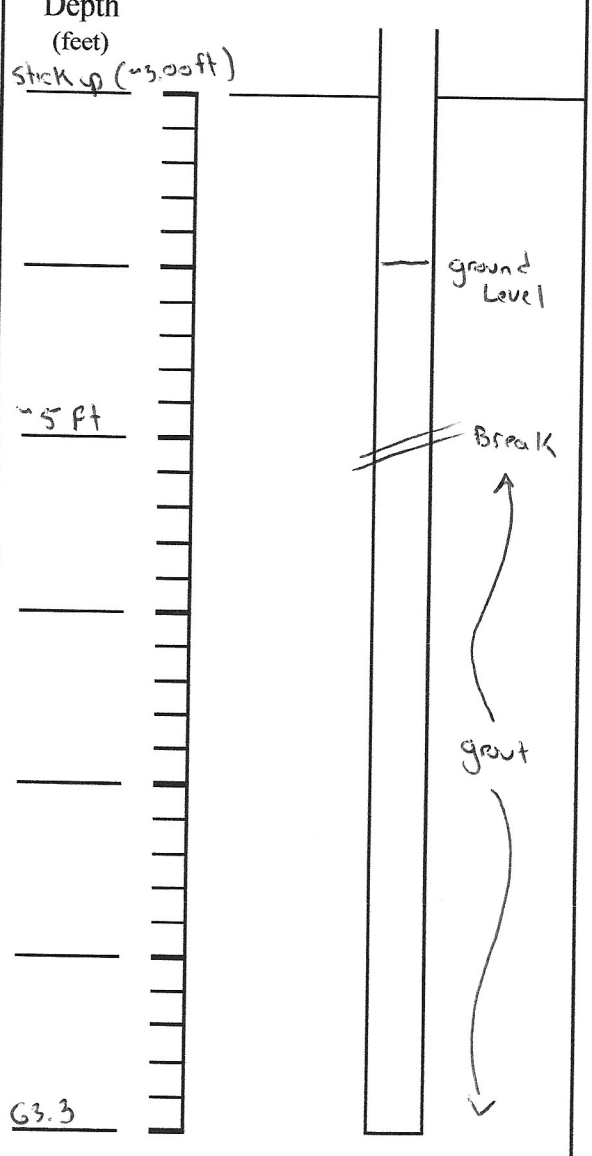
WELL DECOMMISSIONING RECORD

Site Name: Glenwood Landing Area 1A	Well I.D.: MWD-02
Site Location: 350 shore road	Driller: Brian
Drilling Co.: ADT	Inspector: K. Donaldson
	Date: 3/25/21

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Hand
Casing retrieved (feet)	5.00
Casing type/dia. (in)	Sch 40 PVC 2-inch
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	63.3
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	6.67
Quantity of cement used (lbs.)	N/A
Cement type	Portland
Quantity of bentonite used (lbs.)	N/A
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	15.00
Volume of grout used (gal.)	15.00

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

FIGURE 1

SITE NAME: Glenwood Landing Area 1A

SITE ID.: V00351
INSPECTOR: K. Donaldson
DATE/TIME: 3/25/21 1120
WELL ID.: MW-04

MONITORING WELL FIELD INSPECTION LOG
NYSDEC WELL DECOMMISSIONING PROGRAM

	YES	NO
WELL VISIBLE? (If not, provide directions below)	✓	
WELL I.D. VISIBLE?	✓	
WELL LOCATION MATCH SITE MAP? (if not, sketch actual location on back)	✓	

WELL I.D. AS IT APPEARS ON PROTECTIVE CASING OR WELL: N/A

	YES	NO
SURFACE SEAL PRESENT?	✓	
SURFACE SEAL COMPETENT? (If cracked, heaved etc., describe below)	✓	
PROTECTIVE CASING IN GOOD CONDITION? (If damaged, describe below)	✓	

HEADSPACE READING (ppm) AND INSTRUMENT USED	N/A
TYPE OF PROTECTIVE CASING AND HEIGHT OF STICKUP IN FEET (If applicable)	3- feet
PROTECTIVE CASING MATERIAL TYPE:	Steel
MEASURE PROTECTIVE CASING INSIDE DIAMETER (Inches): N/A	

	YES	NO
LOCK PRESENT?		✓
LOCK FUNCTIONAL?		✓
DID YOU REPLACE THE LOCK?		✓
IS THERE EVIDENCE THAT THE WELL IS DOUBLE CASED? (If yes,describe below)		✓
WELL MEASURING POINT VISIBLE? Measured from North side		✓

MEASURE WELL DEPTH FROM MEASURING POINT (Feet):	11.05
MEASURE DEPTH TO WATER FROM MEASURING POINT (Feet):	10.35
MEASURE WELL DIAMETER (Inches):	2-inch
WELL CASING MATERIAL:	PVC
PHYSICAL CONDITION OF VISIBLE WELL CASING:	N/A
ATTACH ID MARKER (if well ID is confirmed) and IDENTIFY MARKER TYPE	N/A
PROXIMITY TO UNDERGROUND OR OVERHEAD UTILITIES	N/A

DESCRIBE ACCESS TO WELL: (Include accessibility to truck mounted rig, natural obstructions, overhead power lines, proximity to permanent structures, etc.); ADD SKETCH OF LOCATION ON BACK, IF NECESSARY.

Located on the SE side of property in green space

DESCRIBE WELL SETTING (For example, located in a field, in a playground, on pavement, in a garden, etc.) AND ASSESS THE TYPE OF RESTORATION REQUIRED.

Located in Soil

IDENTIFY ANY NEARBY POTENTIAL SOURCES OF CONTAMINATION, IF PRESENT (e.g. Gas station, salt pile, etc.):

N/A

REMARKS:

NONE

FIGURE 3

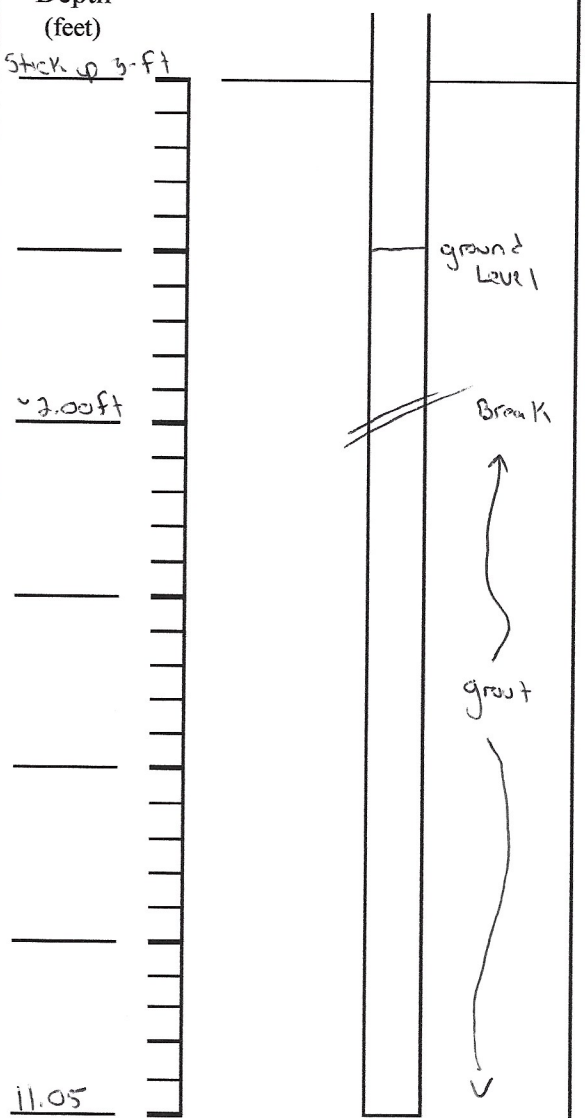
WELL DECOMMISSIONING RECORD

Site Name:	Glenwood Landing Area 1A	Well I.D.:	MW-04
Site Location:	350 Shore Road	Driller:	Brian
Drilling Co.:	ADT	Inspector:	K. Donaldson
		Date:	3/25/21

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING	
Method employed	Hand
Casing retrieved (feet)	5.00
Casing type/dia. (in)	Sch 40 PVC 2-inch
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING	
Interval grouted (FBLS)	11.05
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	6.60
Quantity of cement used (lbs.)	N/A
Cement type	Portland
Quantity of bentonite used (lbs.)	N/A
Quantity of calcium chloride used (lbs.)	N/A
Volume of grout prepared (gal.)	8.00
Volume of grout used (gal.)	8.00

WELL SCHEMATIC*



COMMENTS:

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

Jessica Phillips
Project Scientist
Site Investigation & Remediation

nationalgrid

July 13, 2020

Ms. Jenelle Gaylord
Assistant Geologist, Bureau E
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7017

Intrusive Activity Summary Report – Geotechnical Borings
National Grid Glenwood Landing Former Gas Plant Site
Glenwood Landing, New York
Site No. V00351

Dear Ms. Gaylord,

This report is a summary of work completed and data collected during intrusive activities recently conducted at the National Grid Glenwood Landing Former Gas Plant Site (the Site). The project included vacuum excavations to clear utilities at two percolation test locations and six boring locations, advancement of six geotechnical borings, and backfilling of each borehole. The work at the Site was conducted for National Grid Gas Operations (Gas Ops) by Soil Mechanics Drilling Corp. and AB Environmental.

A Notice of Intrusive Activities (NOIA) for the project was submitted to the New York State Department of Environmental Conservation (NYSDEC) on April 23, 2020. National Grid retained GEI Consultants, Inc., P.C. (GEI) to conduct field screening of the soil cuttings using a photo-ionization detector (PID) and environmental oversight for all intrusive activities in accordance with the Site Management Plan (SMP).

GEI was on-Site during the vacuum excavation and geotechnical borings on April 28 and 30, 2020.

Summary of Field Activities

National Grid Gas Ops' contractor AB Environmental performed soil removal activities utilizing a vacuum truck to excavate soil to a depth of five feet and retained Soil Mechanics Drilling Corp. to conduct six geotechnical borings to depths of 30 and 50 feet using hollow-stem auger drill rigs. Following the vacuum excavation on April 28, 2020, two drill rigs were mobilized to the Site to advance the geotechnical borings. Four locations were drilled to a depth of 30 feet (B-1, B-3, B-4, and B-5) and two locations were drilled to a depth of 50 feet (B-2 and B-6). The excavated soil was screened for impacts using visual and olfactory detection methods and a PID. No impacts were observed in five of the six boring locations. A faint creosote odor and fragments of wood were noted in the split-spoon sample taken from a depth of seven to nine feet in boring location B-5. The fragments of wood were screened with the PID and a reading of 298 parts per million (ppm) was observed. Due to limited recovery, the interval could not be sampled. Community Air Monitoring was set up immediately upwind and downwind of the location, following the observation of impacts at B-5. No impacts were noted in the remaining sample intervals at this location.

175 East Old Country Road, Hicksville, NY 11801
T: 516.581.7313 ■ F: 516.545.2582 ■ **Jessica.Phillips@nationalgrid.com** ■ www.nationalgrid.com

The fragments of wood are believed to be from an old bulkhead and not from the former gas plant. This was primarily determined due to historical photos of the former Fyfe Shipyard and the former gas plant property prior to development that show historical bulkheads in the vicinity of the Site (**Attachment 1**). The former Fyfe shipyard was located immediately adjacent to the former gas plant property. Further evidence that the wood is likely from an old bulkhead include the depth of sample interval which was below the water table. Creosote has been known to be used as a wood preservative for old bulkheads.

The approximate location of the geotechnical borings can be found in **Attachment 2.** The geotechnical information gathered from the work conducted can be found in **Attachment 3 – Soil Mechanics Report** and **Attachment 4 – Geotechnical Boring Logs**

Community Air Monitoring Results

Real time air monitoring for total volatile organic compounds (TVOCs) and respirable particulate matter (PM_{10}) was performed during intrusive work at boring location B-5 at upwind and downwind tripod-mounted stations. Each station consisted of a weather-tight enclosure, a PID (RAE systems MiniRAE 3000), and a dust monitor (TSI DustTrak II 8530).

There were no exceedances of the time-weighted average (TWA) for TVOCs or dust measurements during the excavation work. Air monitoring data can be provided upon request.

If you have any questions, please feel free to contact me at 516-581-7313 or by email at jessica.phillips@nationalgrid.com.

Sincerely,

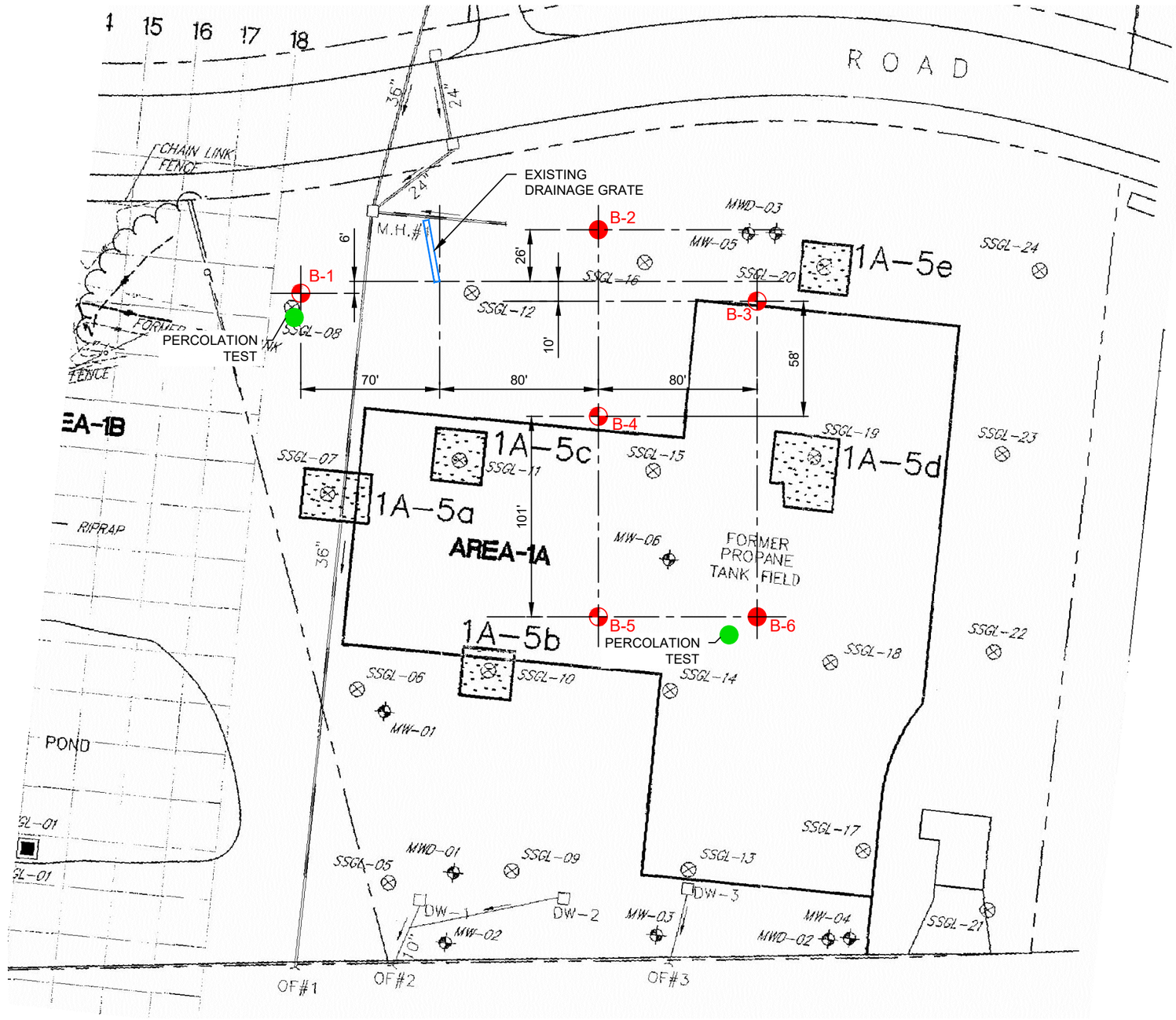
Christopher Morris, P.G.
On behalf of Jessica Phillips.

Attachments
cc: S. Aldridge (National Grid)
J. Mitchell (National Grid)
M. Quinlan (GEI)

LEGEND

- MONITORING WELL
- SOIL BORING
- SURFACE SOIL SAMPLE
- GEOPROBE SAMPLE
- SURFACE WATER/SEDIMENT SAMPLE
- M.H. MANHOLE
- DW DRYWELL
- OF OUTFALL
- C.B. CATCH BASIN
- AS-BUILT MINOR CONTOUR
- AS-BUILT MAJOR CONTOUR
- FORMER MINOR CONTOUR
- FORMER MAJOR CONTOUR
- FORMER TOP OF BANK
- TREE/BRUSH LINE
- RIPRAP

- 30' DEEP SOIL BORING LOCATION
- 50' DEEP SOIL BORING LOCATION
- PERCOLATION TEST LOCATION



SOURCE:

1. PLAN BASED ON FILE PREPARED BY VHB INC. MIDDLETOWN, CONN. TITLED GLENWOOD LANDING GAS PLANT SITE-SITE PLAN DATED MARCH 2003, REV 1 DATED 8/19/03.

0 60 120

SCALE: 1" = 60'

Glenwood Landing
Former Gas Plant Site
Glenwood Landing, New York

nationalgrid

GEI Consultants

APPROXIMATE GEOTECHNICAL BORING LOCATIONS

Project 1702897.25.1 | May 2020 | Fig. 1

\\hts1v-pzcc- \\hts1v-pzcc-01\HTS-DATA\Tech\Environmental Projects\National Grid\OMM Downstate\13 Sites\Glenwood Landing\00_CAD\Figures\NIA\1702897-F1.dwg - 5/13/2020

SUBSOIL
INVESTIGATIONS

SOIL MECHANICS DRILLING CORP.

3770 MERRICK ROAD, SEAFORD, NEW YORK 11783
PH: (516) 221-2333 FAX: (516) 221-0254
EMAIL: SOILMECHANICSDRAFT@EARTHLINK.NET

May 19, 2020

BL Companies
145 Pinelawn Road
Suite 300 South
Melville, NY 11747
Attn: Ian McPhillips, P.E., Sr. Project Mgr.
Via E-Mail: Imcphillips@Blcompanies.com

Re: National Grid Geotech Investigations
Glenwood Landing, NY
Our Job #20-111

Gentlemen:

Forwarded herewith are the logs for six (6) borings drilled recently at the above referenced location. Our drawings also illustrate the set-up and results of two (2) infiltration tests. Our investigation consisted of the drilling of six (6) test borings, two (2) borings to a depth of 50 feet each and four (4) borings to a depth of 30 feet each, at locations shown on our Boring Location Plan. Each infiltration was performed within approximately 5 feet of its companion boring. All of the borehole locations were soft dug to approximately 5 feet to investigate for the presence of any unknown underground services or utilities and avoid damage to same. Upon completion of each boring, the borehole was backfilled with drill cuttings (spoils). All fieldwork was performed in the presence of our environmental field professional who was equipped with an aerosol dust monitor, combustible gas meter and photoionization detector.

The drilling was accomplished with truck mounted drill rigs and hollow stem auger casing. Sample recovery was achieved using a CME automatic SPT trip hammer and a standard 2 inch split spoon sampler following the Standard Penetration Test procedures, ASTM D-1586. The number of blows required to advance the sampler each 6 inch increment were recorded and are shown on our boring logs, along with a written description of the recovered soil sample per our geologist's visual identification of same in accordance with the Unified Soils Classification System. The CME automatic hammer operates with an efficiency of approximately 90%. The original conventional use of rope, cathead and drop weight to conduct the standard penetration test, on the other hand, operates with an efficiency of approximately 60%. As a consequence, the standard penetration test results obtained using the CME auto SPT hammer are on the order of two thirds the value that would have been obtained had the original rope and cathead method been used. This is significant if you are using design charts for soil strength parameters based on historical data associated with the rope and cathead method. If so, you should adjust our data accordingly.

SOIL MECHANICS DRILLING CORP.
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Our boring investigation revealed that the areas drilled were blanketed by from 7 to 16 feet of moderately dense to loose soil fill consisting principally of sand, silt and gravel along with small amounts of brick, wood, concrete and other miscellaneous materials. These upper materials are generally underlain by a moderately dense to dense sand formation with varying amounts of silt and occasional layers of moderately stiff silts or clays.

Ground water, which may be under tidal influence, was encountered at depths ranging from 3'-5" to 6'-8" below existing grade at the time the work was done. An infiltration test was performed approximately 5 feet away from each of Borings B-1 and B-6 following the procedure described in Appendix D of the New York State Stormwater Management Design Manual. The test results provide a mean coefficient of permeability of the soil at the tip of the pipe casing through which the test is performed. The test value is given in cm/sec.

The soil profiles generated by this report best fit that of Site Class "D" per NYC and NYS Building Codes Table 1613.5.2.

The low standard penetration test results of the upper soils along with the high water table indicate that they are liquefiable. Supplemental soils lab data can be found appended to this report.

Based on the results of this investigation, we recommend that any significant structure to be constructed at this site be founded on deep foundation elements, i.e. piles, installed through the upper unsuitable fill and soft organic soils into the underlying more competent material. Consideration must be given to potential drag down or negative skin friction forces that affect the pile's "net" capacity.

Soil samples recovered during drilling operations will be stored in our lab for a period of 30 days after which they will be destroyed. During this period we will deliver these samples to any prescribed location upon request.

If after you examine the enclosed you have any further questions, please feel free to call and discuss them with us.

Billing is enclosed.

Very truly yours,

SOIL MECHANICS DRILLING CORP.

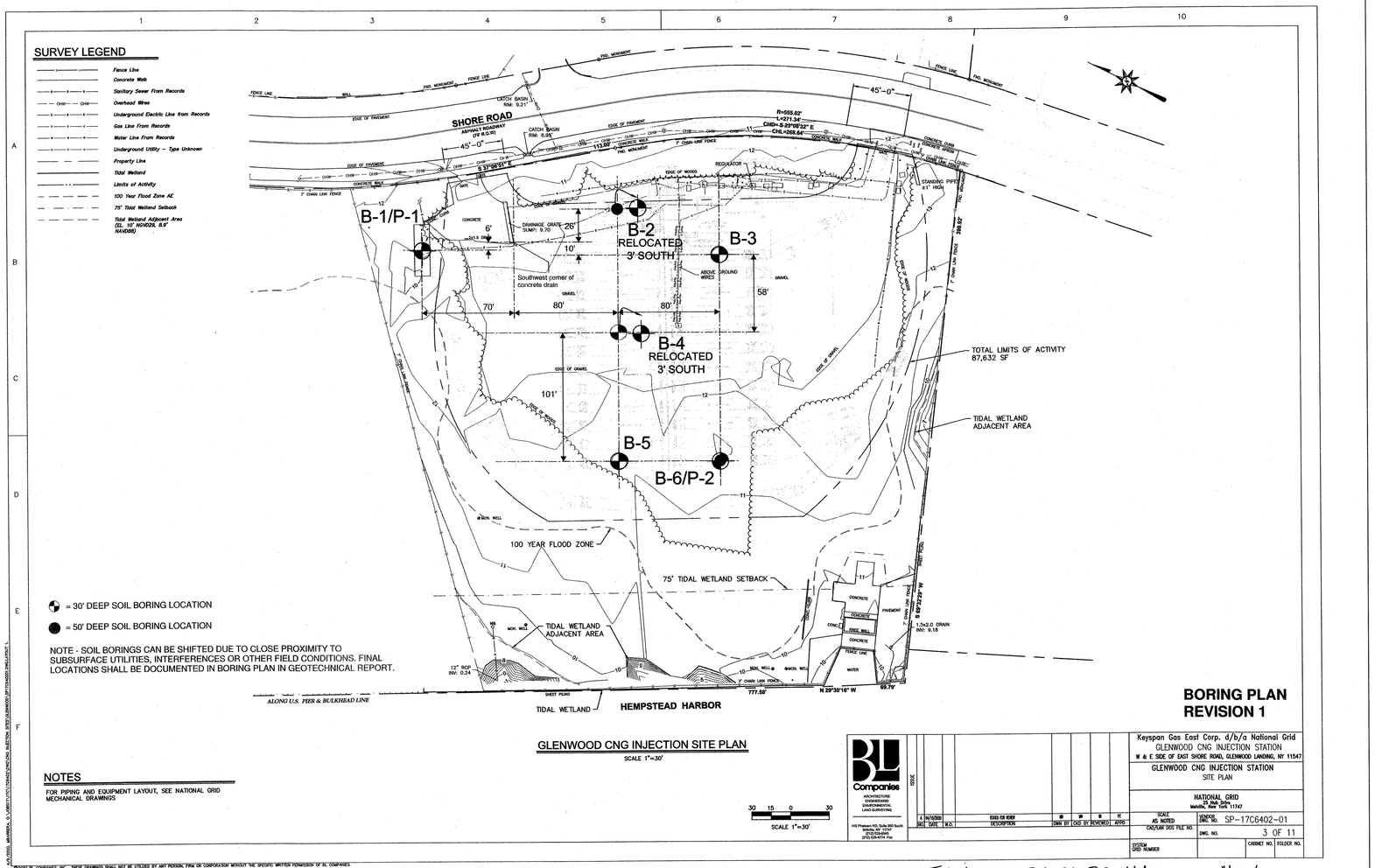
Vincent Nantista
Vice President

VN:sbg
Attachments

BORING LOCATION PLAN

0 50' 100' 150' 200'

DRAWING SCALE: 1" = 50'±



GLENWOOD CNG INJECTION SITE PLAN

SCALE 1"=30'

30 15 0 30

SCALE 1"=30'

NOTES

FOR PIPING AND EQUIPMENT LAYOUT, SEE NATIONAL GRID MECHANICAL DRAWINGS

BORING PLAN REVISION 1

BL Companies
ARCHITECTURE ENGINEERING ENVIRONMENTAL LAND SURVEYING
145 Pinelawn RD, Suite 300 South Melville, NY 11747 (631) 694-3040 (631) 694-4118 Fax

ISSUE	DATE	DESCRIPTION	BY	CHD	BY	CHD	BY	APPD
A	04/16/2020	ISSUED FOR REVIEW						
0	DATE	W.O.						

Keyspan Gas East Corp. d/b/a National Grid
GLENWOOD CNG INJECTION STATION
W & E SIDE OF EAST SHORE ROAD, GLENWOOD LANDING, NY 11547

GLENWOOD CNG INJECTION STATION
SITE PLAN

NATIONAL GRID
175 East Old Country Road
Hicksville, New York 11747

SCALE: AS NOTED
SEARCH DWG. NO.: SP-17C6402-01
CAD/DAR 'DDS' FILE NO.:
DWG. NO.: 3 OF 11
SYSTEM GRID NUMBER
CABINET NO.
FOLDER NO.

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Ticket No. 20094074320-111 4-13-20 Monday NEW

NOTES

1. SOIL DESCRIPTIONS ARE BY VISUAL EXAMINATION OF SOIL SAMPLES RECOVERED DURING DRILLING OPERATIONS.
2. SOIL DESCRIPTIONS ARE IN ACCORD WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM.
3. GROUND WATER TABLE WAS MEASURED INSIDE THE DRILL CASING AT THE COMPLETION OF EACH BOREHOLE.
4. SOIL STRATIFICATIONS ARE ACCURATE TO WITHIN TWO FEET VERTICALLY.
5. SOIL SAMPLES WERE OBTAINED USING A CENTRAL MINE EQUIPMENT (CME) AUTOMATIC TRIP HAMMER.
6. SOIL TEST BORING GROUND SURFACE STAKE-OUT AND ELEVATIONS BY OTHERS.
7. SOIL TEST BORINGS DRILLED IN ACCORD WITH THE NEW YORK CITY BUILDING CODE.

UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a Thru 1d	BEDROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES. LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE SOIL BEARING PRESSURES, N.Y.C. BLDG. CODE TABLE 1804.1

CLASS OF MATERIALS (Notes 1 and 3) ★	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (TSF)	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (kPa)
1. BEDROCK (NOTES 2 and 7) ★		
1a HARD SOUND ROCK - GNEISS, DIABASE, SCHIST	60	5,746
1b MEDIUM HARD ROCK - MARBLE, SERPENTINE	40	3,830
1c INTERMEDIATE ROCK - SHALE, SANDSTONE	20	1,915
1d SOFT ROCK - WEATHERED ROCK	8	766
2. SANDY GRAVEL & GRAVEL (GW, GP) (NOTES 3, 4, 8, and 9) ★		
2a DENSE	10	958
2b MEDIUM	6	575
3. GRANULAR SOILS (GC, GM, SW, SP, SM, & SC)(NOTES 4, 5, 8, and 9)		
3a DENSE ★	6	575
3b MEDIUM	3	287
4. CLAYS (SC, CL, & CH)(NOTES 4, 6, 8, and 9)		
4a HARD	5	479
4b STIFF	3	287
4c MEDIUM	2	192
5. SILTS & SILTY SOILS (ML & MH)(NOTES 4, 8, and 9) ★		
5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS, & VARVED SILTS	SEE 1804.2.1 ★	SEE 1804.2.1 ★
7. CONTROLLED & UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 ★	SEE 1804.2.2 OR 1804.2.3 ★

★ REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION

COMPACTION RELATED TO SPOON BLOWS PER FOOT

SAND & SILT		CLAY	
LOOSE	LESS THAN 10	SOFT	4 OR LESS
MEDIUM	10 TO 30	MEDIUM	GREATER THAN 8 TO 30
DENSE	GREATER THAN 31	HARD	GREATER THAN 30

" N " STANDARD PENETRATION TEST - ASTM 1586 2" SPOON, 140lb HAMMER @ 30" FALL

N=17 BLOWS PER FOOT (5 8 9 12)

SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE

TO OBTAIN BLOWS PER FOOT (N) USE THE 2ND & 3RD 6" INCREMENT

	ROTARY CASING	EXTRA HEAVY CASING	SAMPLE SPOON
SIZES, INCHES	2.5		2.0
HAMMER WEIGHT, POUNDS	_____		140
HAMMER FALL, INCHES	_____		30

CB - CASING BLOWSPER 1 FOOT DRIVE
SB - SPOON BLOWS PER 6 INCH DRIVE
P - PUSHED BY WEIGHT OF HAMMER
WOR - WEIGHT OF ROD
UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER
FEET - DEPTH FROM GND. SUR. NOTED AT EACH 5'
WOH - WEIGHT OF HAMMER
REC - SOIL RECOVERY IN INCHES

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BL COMPANIES
145 PINELAWN ROAD
SUITE 300 SOUTH
MELVILLE, NEW YORK 11747

PROJECT:
GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402
WEST OF SHORE ROAD
GLENWOOD LANDING, NEW YORK

SOIL MECHANICS DRILLING CORP.
subsoil investigations
3770 MERRICK ROAD * SEAFORD, NEW YORK 11783 * 516 - 221-2333

SUBSURFACE INVESTIGATION

GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402

WEST OF SHORE ROAD

GLENWOOD LANDING, NEW YORK

VERTICAL BORING SCALE:	DRAWING DATE			DRAWING NUMBER
1/4" = 1'-0" UNLESS NOTED OTHERWISE	MAY 4, 2020			20R111.6
DATES OF BORING	DRAWN BY:	CHECKED BY:	REVISED DATE:	SHEET 1 OF 3
APRIL 30, 2020	NAR	CV	MAY 11, 2020	

BORING PLAN
SUBSURFACE INVESTIGATION

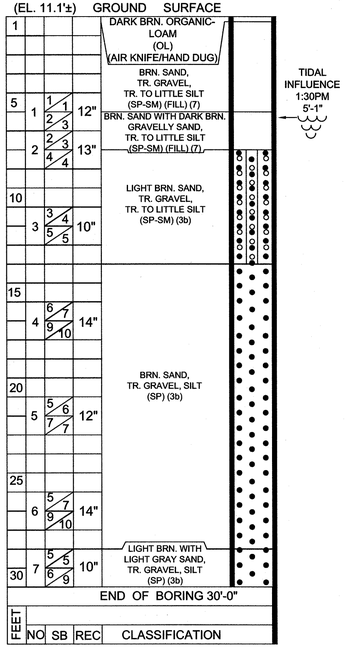
DATE: MAY 4, 2020
PROJECT No: 20R111.6
DRAWING BY: NAR
CHK BY: VN
DWG No:
B-001.00

SEAL & SIGNATURE:

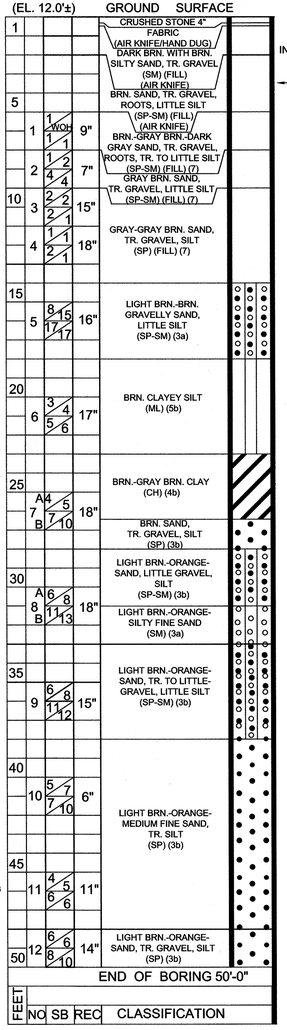
CAD FILE No: Z: 20R111.6 | SHEET 1 OF 3

Z: 20RDWGS/20R111.6

B-1/P-1



B-2



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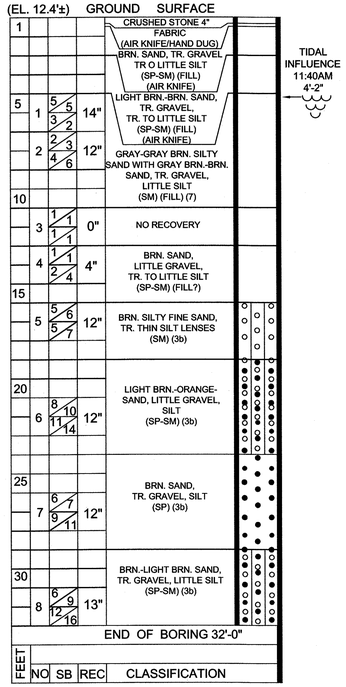
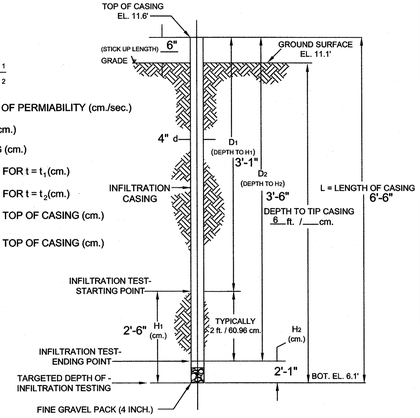


B-1/P-1



$$K_m = \frac{\pi * d}{11 * (t_2 - t_1)} * \ln \frac{H_1}{H_2}$$

K_m = MEAN COEFFICIENT OF PERMIABILITY (cm./sec.)

d = INSIDE DIAMETER (cm.)

L = LENGTH OF CASING (cm.)

H_1 = PIEZOMETER HEAD FOR $t = t_1$ (cm.)

H_2 = PIEZOMETER HEAD FOR $t = t_2$ (cm.)

D_1 = DEPTH TO H_1 FROM TOP OF CASING (cm.)

D_2 = DEPTH TO H_2 FROM TOP OF CASING (cm.)

t = TIME (sec.)

ln = NATURAL LOG

* WHERE THE G.W.T. IS BELOW THE TIP OF CASING, OTHERWISE IS H1 = DTW - D1 FROM TOP OF CASING D1. * $H_1 = L - D_1$ (cm.)

* WHERE THE G.W.T. IS ABOVE THE TIP OF CASING, OTHERWISE IS H2 = DTW - D2 FROM TOP OF CASING D2. * $H_2 = L - D_2$ (cm.)

JOB NO. 20-111 LOCATION: GLENWOOD LANDING DATE: APRIL 30, 2020

B-1/P-1 FALLING HEAD INFILTRATION TEST DATA

H1 2'-6" ft. X.XX m. XX.X cm.

H2 2'-1" ft. X.XX m. XX.X cm.

	TIME (MIN. & SEC.)			COMMENTS
RUN No.	START (T1)	END (T2)	ELAPSED	
NO. 1	1:20PM	2:20PM	60 MINUTES 0 SECONDS	WATER DRAINED 5"
NO. 2				
NO. 3				
NO. 4				

AVERAGE ELAPSE: WATER DRAINED 5" IN 60 MINUTES

I.D. OF CASING(D) 4 IN. 10.16 CM.

ELEVATION AT BOTTOM OF CASING 6 FT. M.

$$K_m = \frac{\pi * d}{11 * (t_2 - t_1)} * 1n \frac{H_1}{H_2}$$

ALL UNITS IN CM. AND SECONDS

K_m = MEAN COEFFICIENT OF PERMIABILITY (CM/SEC) = 1.47×10^{-4}

Z: 20RDWGS/20R111.6

UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a Thru 1d	BEDROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
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5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS, & VARVED SILTS	SEE 1804.2.1 *	SEE 1804.2.1 *
7. CONTROLLED & UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 *	SEE 1804.2.2 OR 1804.2.3 *

* REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION

COMPACTION RELATED TO SPOON BLOWS PER FOOT

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MEDIUM	10 TO 30	MEDIUM	GREATER THAN 8 TO 30
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" N " STANDARD PENETRATION TEST - ASTM 1586 2" SPOON, 140lb HAMMER @ 30" FALL

N=17 BLOWS PER FOOT — SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE

TO OBTAIN BLOWS PER FOOT (N) USE THE 2ND & 3RD 6" INCREMENT

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HAMMER WEIGHT, POUNDS	_____		140
HAMMER FALL, INCHES	_____		30

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WOH - WEIGHT OF HAMMER
REC - SOIL RECOVERY IN INCHES

THE LIABILITY OF SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, FOR ERRORS, OMISSIONS OR NEGLIGENCE RESULTING IN PERSONAL INJURIES, PROPERTY DAMAGE OR ANY CONSEQUENTIAL DAMAGES, IS LIMITED TO THE AMOUNT OF THE FEE PAID FOR THIS REPORT. THE RETENTION OR USE OF ANY PART OF THIS REPORT WILL CONSTITUTE AN ACCEPTANCE OF THIS LIMITED LIABILITY. IF THIS IS UNACCEPTABLE, THE CLIENT MUST NOTIFY SOIL MECHANICS DRILLING CORP. IN WRITING BY CERTIFIED MAIL, WITHIN SEVEN DAYS FROM THE DATE OF RECEIPT. THE FEE CHARGED FOR THIS REPORT IS BASED ON THIS LIMITATION OF LIABILITY WHICH IS THE ESSENCE OF THIS AGREEMENT.IF THE CLIENT WANTS A HIGHER LIMITATION OF LIABILITY, SOIL MECHANICS DRILLING CORP., WILL NEGOTIATE ONE, BASED UPON A HIGHER FEE BEING CHARGED FOR THE ADDITIONAL ASSUMPTION OF LIABILITY. SOIL MECHANICS DRILLING CORP., ITS OFFICERS OR EMPLOYEES, HAVE NO LIABILITY OR RESPONSIBILITY TO PERSONS OTHER THAN THE CLIENT FOR WHOM THIS REPORT WAS PREPARED. ANYONE, OTHER THAN OUR CLIENT, RELIES ON THIS REPORT AT THEIR OWN RISK.

BL COMPANIES
145 PINELAWN ROAD
SUITE 300 SOUTH
MELVILLE, NEW YORK 11747

PROJECT:
GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402
WEST OF SHORE ROAD
GLENWOOD LANDING, NEW YORK

SOIL MECHANICS DRILLING CORP.
subsoil investigations
3770 MERRICK ROAD * SEAFORD, NEW YORK 11783 * 516 - 221-2333

SUBSURFACE INVESTIGATION

GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402

WEST OF SHORE ROAD

GLENWOOD LANDING, NEW YORK

VERTICAL BORING SCALE: 1/4" = 1'-0" UNLESS NOTED OTHERWISE

DRAWING DATE: MAY 4, 2020

DRAWING NUMBER: 20R111.6

SHEET 2 OF 3

DATES OF BORING: APRIL 30, 2020

DRAWN BY: NAR | CHECKED BY: CV | REVISED DATE: MAY 11, 2020

BORING PLAN

SUBSURFACE INVESTIGATION

DATE: MAY 4, 2020
PROJECT No: 20R111.6
DRAWING BY: NAR
CHK BY: VN
DWG No: B-001.00

SEAL & SIGNATURE:

CAD FILE No: Z: 20R111.6 | SHEET 2 OF 3

B-4

(EL. 12.5'±) GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
1				CRUSHED STONE 4" FABRIC CRUSHED STONE 12" FABRIC (AIR KNIFE/HAND DUG)
5	1	WOH WOH	11"	BRN. SAND, TR. GRAVEL, SILT (SP) (FILL) (AIR KNIFE)
	2	1 1 2 4 6 7	13"	BRN. SAND, TR. GRAVEL, TR. TO LITTLE SILT (SP-SM) (FILL) (AIR KNIFE)
10	3	5 4 1 WOH	7"	BRN.-TAN SAND, TR. GRAVEL, CLAY, LITTLE SILT (SP-SM) (FILL) (7) BRN. SAND, TR. GRAVEL, SILT (SP) (FILL) (7) BRN. WITH GRAY SAND, TR. GRAVEL, SILT (SP) (FILL) (7)
15	4	1 1 1 4	13"	GRAY-DARK GRAY SILTY SAND, TR. GRAVEL, CLAY, SHELL FRAGMENTS WITH DARK GRAY SANDY CLAY, TR. GRAVEL, SAND, SHELL FRAGMENT LENSES (SM-CL) (6)
20	5	3 6 10 12	12"	BRN. GRAVELLY SAND, TR. SILT (SP) (3b)
25	6	10 14 16 18	12"	LIGHT BRN. SAND, TR. TO LITTLE GRAVEL, TR. SILT (SP) (3a)
30	7	4 6 8 11	13"	TAN.-BRN. MEDIUM FINE-SAND, TR. GRAVEL, SILT, COARSE SAND (SP) (3b)
				END OF BORING 32'-0"

TIDAL INFLUENCE 3'-11"

B-5

(EL. 11.3'±) GROUND SURFACE

FEET	NO	SB	REC	CLASSIFICATION
1				DARK BRN. ORGANIC LOAM (OL) (AIR KNIFE/HAND DUG)
5	1	1 1 1 2	14"	BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM) (FILL) (AIR KNIFE) BRN. SAND, TR. GRAVEL, TR. TO LITTLE SILT (SP-SM) (FILL) (7)
	2	2 2 100/2" -	10"	BRN. SAND, TR. GRAVEL, LITTLE SILT (SP-SM) (FILL) (7) BRN. SAND, TR. GRAVEL, SILT, CONCRETE (SP) (FILL) (7)
10	3	11 14 22 31	20"	BRN. SILTY SAND, TR. GRAVEL, CLAY, WOOD (SM) (FILL) (7)
15	4	A 9 9 B 7 12	12"	W O O D (FILL) (7) BRN. SAND, TR. GRAVEL, SILT (SP) (3b)
20	5	10 11 12 15	12"	BRN. SAND, TR. GRAVEL, SILT (SP) (3a)
25	6	10 11 11 12	16"	BRN. SAND, TR. GRAVEL, SILT (SP) (3b)
30	7	10 11 16 16	19"	BRN.-LIGHT GRAY BRN. SAND, TR. GRAVEL, SILT (SP) (3a)
				END OF BORING 30'-0"

TIDAL INFLUENCE 8'-0"

B-6/P-2

(EL. 11.0 '±) GROUND SURFACE

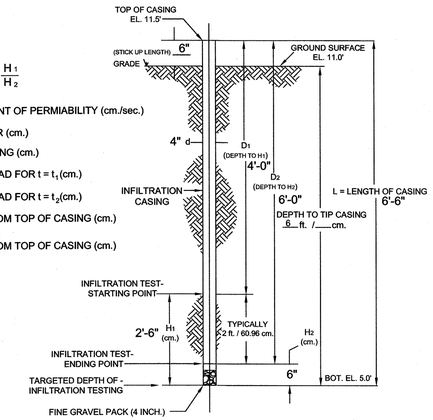
FEET	NO	SB	REC	CLASSIFICATION
1				DARK BRN. ORGANIC LOAM (OL) (AIR KNIFE/HAND DUG)
				BRN. SAND, TR. GRAVEL, THIN FINE ROOTS, LITTLE SILT (SP-SM) (FILL) (AIR KNIFE)
5	1	4 5 5 5	14"	LIGHT BRN.-BRN. SAND, TR. GRAVEL, SILT (SP) (FILL) (AIR KNIFE)
	2	4 5 6 8	16"	BRN. SAND, TR. GRAVEL, SILT (SP) (FILL) (7)
10	3	5 3 4 4	14"	BRN.-GRAY BRN. SAND, LITTLE GRAVEL, TR. BRICK, SILT (SP) (FILL) (7)
15	4	4 4 4 4	12"	BRN.-LIGHT BRN. SAND, TR. GRAVEL, SILT (SP) (3b)
20	5	4 5 6 7	13"	BRN. SAND, TR. TO LITTLE GRAVEL, TR. SILT (SP) (3b)
25	6	10 10 10 15	12"	LIGHT BRN.-TAN MEDIUM FINE SAND, TR. GRAVEL, SILT, COARSE SAND (SP) (3b)
30	7	8 9 10 12	17"	BRN. FINE SAND, TR. GRAVEL, SILT, MEDIUM SAND (SP) (3b)
35	8	5 5 6 7	11"	LIGHT BRN.-TAN SAND, TR. GRAVEL, SILT (SP) (3b)
40	9	5 6 8 10	19"	LIGHT BRN.-MULTICOLORED FINE SAND, TR. TO LITTLE-SILT, TR. MEDIUM SAND (SP-SM) (3b)
45	10	7 8 11 17	20"	LIGHT BRN.-MULTICOLORED FINE SAND, TR. SILT, MEDIUM SAND WITH THIN SILTY FINE SAND-LENSES (SP-SM) (3b)
50	11	5 39 12 17	19"	LIGHT BRN.-MULTICOLORED FINE MEDIUM SAND, TR. SILT (SP) (3b)
				END OF BORING 50'-0"

TIDAL INFLUENCE 6'-8"

B-6/P-2

$$K_m = \frac{\pi * d}{11 * (t_2 - t_1)} * \ln \frac{H_1}{H_2}$$

K_m = MEAN COEFFICIENT OF PERMIABILITY (cm./sec.)
d = INSIDE DIAMETER (cm.)
L = LENGTH OF CASING (cm.)
H_1 = PIEZOMETER HEAD FOR $t = t_1$ (cm.)
H_2 = PIEZOMETER HEAD FOR $t = t_2$ (cm.)
D_1 = DEPTH TO H_1 FROM TOP OF CASING (cm.)
D_2 = DEPTH TO H_2 FROM TOP OF CASING (cm.)
t = TIME (sec.)
ln = NATURAL LOG
* $H_1 = L - D_1$ (cm.)
* $H_2 = L - D_2$ (cm.)



* WHERE THE G.W.T. IS BELOW THE TIP OF CASING, OTHERWISE IS H1 = DTW - D1 FROM TOP OF CASING D1.

* WHERE THE G.W.T. IS ABOVE THE TIP OF CASING, OTHERWISE IS H2 = DTW - D2 FROM TOP OF CASING D2.

JOB NO. 20-111 LOCATION: GLENWOOD LANDING DATE: APRIL 30, 2020

B-6/P-2 FALLING HEAD INFILTRATION TEST DATA

H1 4' ft. X.XX m. XX.X cm.
H2 6' ft. X.XX m. XX.X cm.

RUN No.	TIME (MIN. & SEC.) START (T1)	END (T2)	ELAPSED	COMMENTS
NO. 1	9:43:00AM	10:23:10AM	40 MINUTES 10 SECONDS	
NO. 2	10:25:00AM	11:07:20AM	42 MINUTES 20 SECONDS	
NO. 3	11:10:00AM	11:55:12AM	45 MINUTES 12 SECONDS	
NO. 4	11:58:00AM	12:43:38PM	45 MINUTES 38 SECONDS	

AVERAGE ELAPSE: 43 MINUTES 20 SECONDS FOR WATER TO DRAIN 24"

I.D. OF CASING(D) 4 IN. 10.16 CM.

ELEVATION AT BOTTOM OF CASING 6 FT. M.

$$K_m = \frac{\pi * d}{11 * (t_2 - t_1)} * 1n \frac{H_1}{H_2}$$

ALL UNITS IN CM. AND SECONDS
K_m = MEAN COEFFICIENT OF PERMIABILITY (CM/SEC) = $1.72X10^{-3}$

UNIFIED SOIL CLASSIFICATION

SOIL GROUPS	TYPICAL NAMES AND SOIL SYMBOLS
1a Thru 1d	BEDROCK
GW	WELL GRADED GRAVELS, GRAVEL SAND MIXTURES, LITTLE OR NO FINES
GP	POORLY GRADED GRAVELS OR GRAVEL SAND MIXTURES. LITTLE OR NO FINES
GM	SILTY GRAVELS, GRAVEL - SAND - SILT MIXTURE
GC	CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURE
SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
SP	POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES
SM	SILTY SANDS, SAND - SILT MIXTURES
SC	CLAYEY SANDS, SAND - CLAY MIXTURES
ML	INORGANIC SILTS, VERY FINE SANDS, CLAYEY SILTS, SLIGHT PLASTICITY
CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS SANDY CLAYS, SILTY CLAYS
OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
Pt	PEAT AND OTHER HIGHLY ORGANIC SOILS

ALLOWABLE SOIL BEARING PRESSURES, N.Y.C. BLDG. CODE TABLE 1804.1

CLASS OF MATERIALS (Notes 1 and 3) *	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (TSF)	MAXIMUM ALLOWABLE FOUNDATION PRESSURE (kPa)
1. BEDROCK (NOTES 2 and 7) *		
1a HARD SOUND ROCK - GNEISS, DIABASE, SCHIST	60	5,746
1b MEDIUM HARD ROCK - MARBLE, SERPENTINE	40	3,830
1c INTERMEDIATE ROCK - SHALE, SANDSTONE	20	1,915
1d SOFT ROCK - WEATHERED ROCK	8	766
2. SANDY GRAVEL & GRAVEL (GW, GP) (NOTES 3, 4, 8, and 9) *		
2a DENSE	10	958
2b MEDIUM	6	575
3. GRANULAR SOILS (GC, GM, SW, SP, SM, & SC)(NOTES 4, 5, 8, and 9)		
3a DENSE *	6	575
3b MEDIUM	3	287
4. CLAYS (SC, CL, & CH)(NOTES 4, 6, 8, and 9)		
4a HARD	5	479
4b STIFF	3	287
4c MEDIUM	2	192
5. SILTS & SILTY SOILS (ML & MH)(NOTES 4, 8, and 9) *		
5a DENSE	3	287
5b MEDIUM	1.5	144
6. ORGANIC SILTS, ORGANIC CLAYS, PEATS, SOFT CLAYS, LOOSE GRANULAR SOILS, & VARVED SILTS	SEE 1804.2.1 *	SEE 1804.2.1 *
7. CONTROLLED & UNCONTROLLED FILLS	SEE 1804.2.2 OR 1804.2.3 *	SEE 1804.2.2 OR 1804.2.3 *

* REFER TO SECTION 1804.2 OR NOTES FOLLOWING TABLE 1804.1 IN THE N.Y.C. BLDG. CODE FOR ADDITIONAL INFORMATION

COMPACTION RELATED TO SPOON BLOWS PER FOOT

SAND & SILT		CLAY	
LOOSE	LESS THAN 10	SOFT	4 OR LESS
MEDIUM	10 TO 30	MEDIUM	GREATER THAN 8 TO 30
DENSE	GREATER THAN 31	HARD	GREATER THAN 30

" N " STANDARD PENETRATION TEST - ASTM 1586 2" SPOON, 140lb HAMMER @ 30" FALL

5/6 9/12 N=17 BLOWS PER FOOT — SPOON BLOW COUNT IS GENERALLY SHOWN IN 6" INCREMENTS FOR 2' DRIVE TO OBTAIN BLOWS PER FOOT (N) USE THE 2ND & 3RD 6" INCREMENT

	ROTARY CASING	EXTRA HEAVY CASING	SAMPLE SPOON
SIZES, INCHES	2.5		2.0
HAMMER WEIGHT, POUNDS			140
HAMMER FALL, INCHES			30

CB - CASING BLOWSPER 1 FOOT DRIVE
SB - SPOON BLOWS PER 6 INCH DRIVE
P - PUSHED BY WEIGHT OF HAMMER
WOR - WEIGHT OF ROD
UD - UNDISTURBED SOIL SAMPLE
NO - SAMPLE NUMBER
FEET - DEPTH FROM GND. SUR. NOTED AT EACH 5'
WOH - WEIGHT OF HAMMER
REC - SOIL RECOVERY IN INCHES

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BL COMPANIES
145 PINELAWN ROAD
SUITE 300 SOUTH
MELVILLE, NEW YORK 11747

PROJECT:
GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402
WEST OF SHORE ROAD
GLENWOOD LANDING, NEW YORK

SOIL MECHANICS DRILLING CORP.
subsoil investigations
3770 MERRICK ROAD * SEAFORD, NEW YORK 11783 * 516 - 221-2333

SUBSURFACE INVESTIGATION

GLENWOOD LANDING CNG INJECTION-NATIONAL GRID PROJECT NO. 17C6402

WEST OF SHORE ROAD

GLENWOOD LANDING, NEW YORK

VERTICAL BORING SCALE: 1/4" = 1'-0" UNLESS NOTED OTHERWISE
DRAWING DATE: MAY 4, 2020
DRAWING NUMBER: 20R111.6
DATES OF BORING: APRIL 30, 2020
DRAWN BY: NAR
CHECKED BY: CV
REVISED DATE: MAY 11, 2020
SHEET 3 OF 3

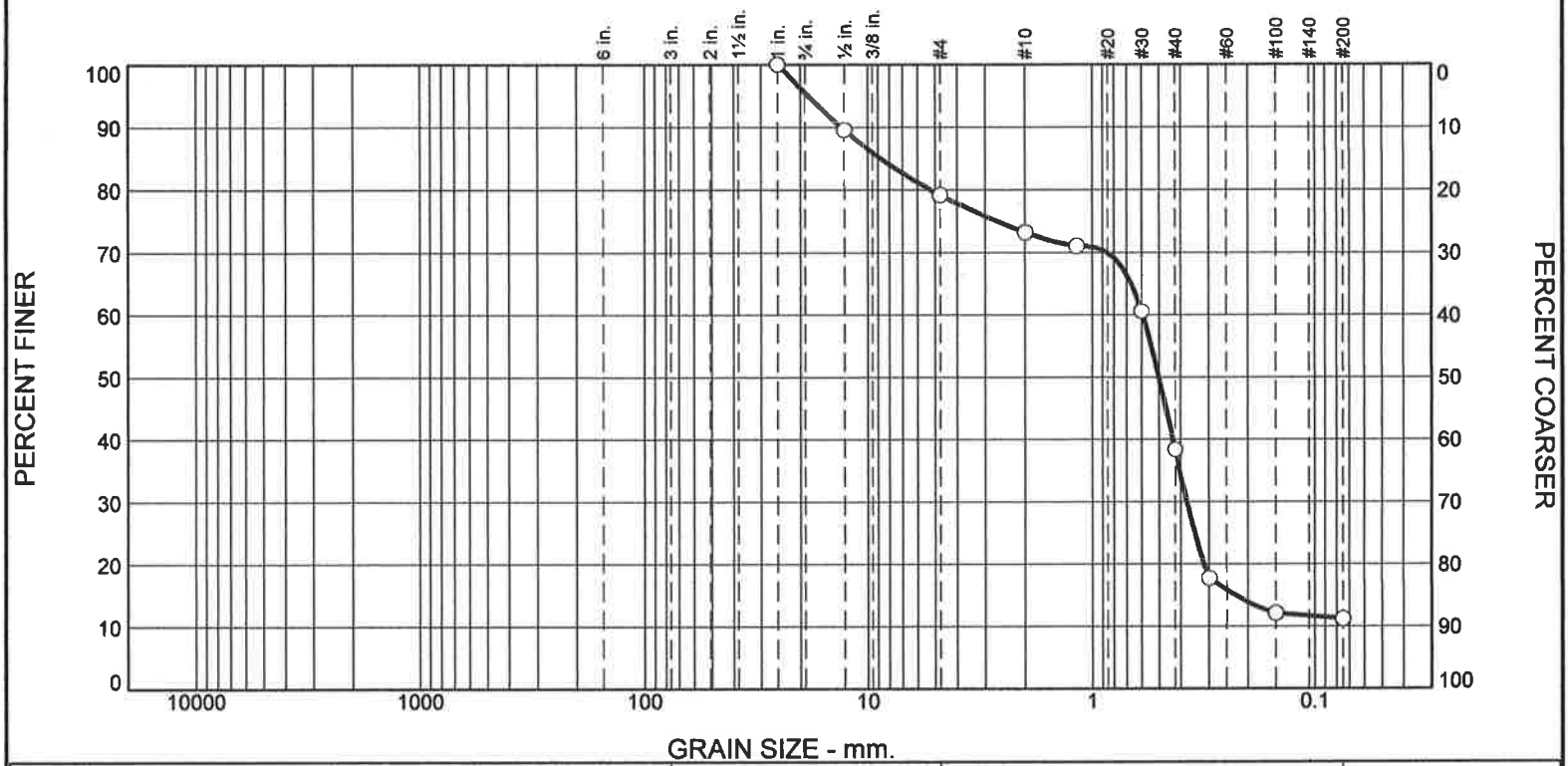
BORING PLAN
SUBSURFACE INVESTIGATION

DATE: MAY 4, 2020
PROJECT No: 20R111.6
DRAWING BY: NAR
CHK BY: VN
DWG No: B-001.00

SEAL & SIGNATURE:
CAD FILE No: Z: 20R111.6
SHEET 3 OF 3

Z: 20RDWGS/20R111.6

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	5	16	6	35	27	11

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	90		
#4	79		
#10	73		
#16	71		
#30	61		
#40	38		
#50	18		
#100	12		
#200	11		

* (no specification provided)

Material Description

Boring 1, sample 1, 5 to 7 feet. Brown w/ dark brown gravelly sand, trace to little silt. (SP - SM)(FILL)(7). 11 % silt content in the sample. 13.22 % moisture content in the sample per ASTM C566(ASTM D2217).

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic

Classification

USCS (D 2487)= (SP-SM)(FILL)(7) **AASHTO (M 145)=** NA

Coefficients

D_{90}=	13.1073	D_{85}=	8.7322	D_{60}=	0.5924
D_{50}=	0.5015	D_{30}=	0.3760	D_{15}=	0.2302
D_{10}=		C_u=		C_c=	

Remarks

Boring 1, sample 1, 5 to 7 feet. Brown w/ dark browm gravelly sand, trace to little silt. (SP-SM)(FILL)(7). 11 % silt content in the sample. 13.22 % moisture content in the sample per ASTM C566(ASTM

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 1, sample 1, 5 to 7 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 1, sample 1 **Depth:** 5 to 7 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 1, sample 1, 5 to 7 feet
Depth: 5 to 7 feet **Sample Number:** Boring 1, sample 1
Material Description: Boring 1, sample 1, 5 to 7 feet. Brown w/ dark brown gravelly sand, trace to little silt. (SP - SM)(FILL)(7). 11 % silt content in the sample. 13.22 % moisture content in the sample per ASTM C566(ASTM D2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SP-SM)(FILL)(7) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 1, sample 1, 5 to 7 feet. Brown w/ dark browm gravelly sand, trace to little silt. (SP-SM)(FILL)(7). 11 % silt content in the sample. 13.22 % moisture content in the sample per ASTM C566(ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare** = 293.00
Tare Wt. = 0.00
Minus #200 from wash = 11.2%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
329.90	0.00	0.00	1	0.00	100	0
			.5	34.40	90	10
			#4	68.70	79	21
			#10	88.50	73	27
			#16	95.60	71	29
			#30	129.90	61	39
			#40	203.30	38	62
			#50	271.40	18	82
			#100	290.10	12	88
			#200	293.00	11	89

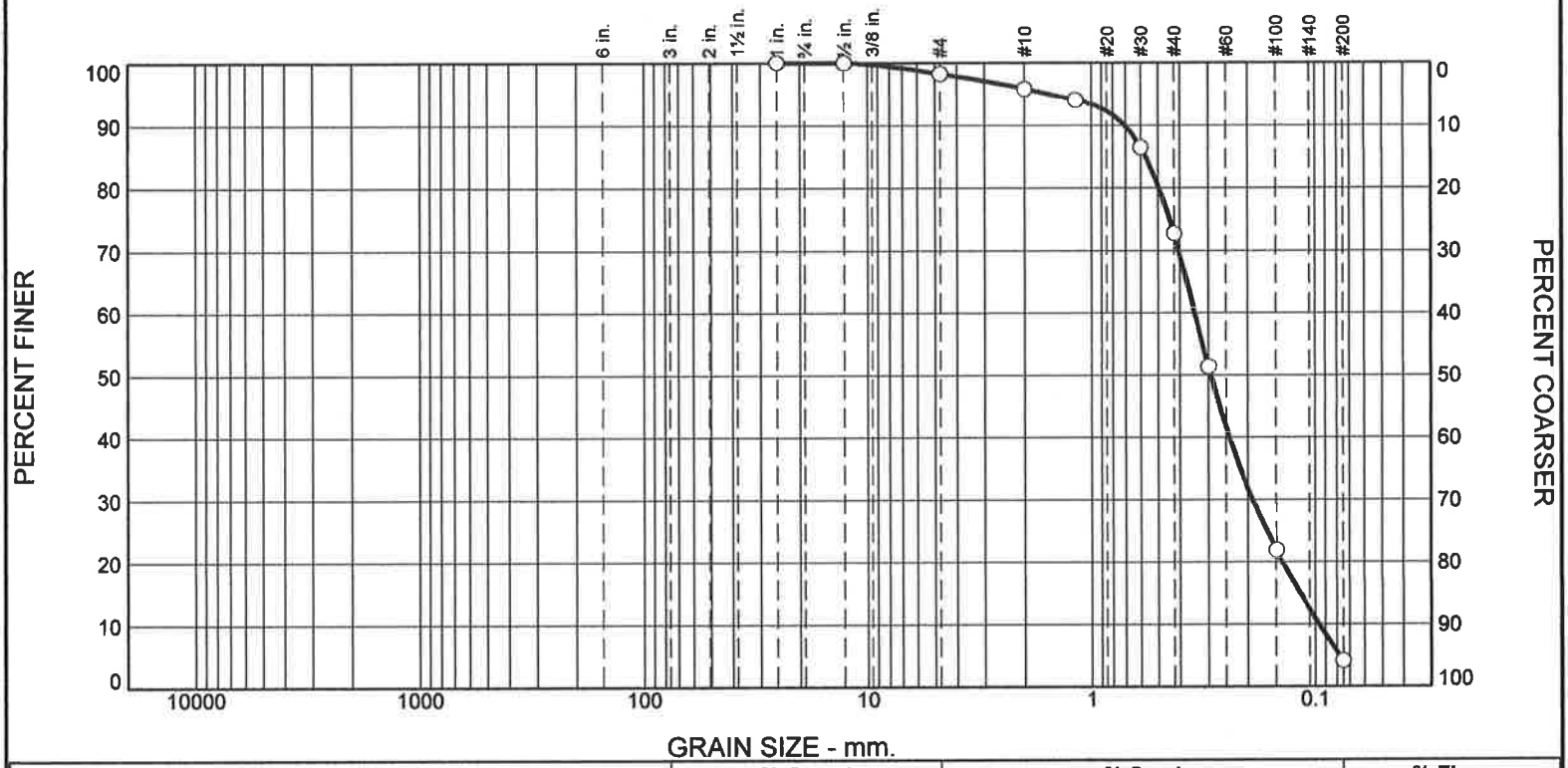
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	5	16	21	6	35	27	68			11

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
		0.2302	0.3158	0.3760	0.4349	0.5015	0.5924	5.2362	8.7322	13.1073	18.4646

Fineness Modulus
3.04

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	2	2	23	69	4

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	98		
#10	96		
#16	94		
#30	86		
#40	73		
#50	51		
#100	22		
#200	4.2		

* (no specification provided)

Material Description

Boring 1, sample 4, 15 to 17 feet. Brown sand, trace gravel, silt. (SP)(3b). 4.2 % silt content in sample. 11.09 % moisture content in the sample per ASTM C566(ASTMD2217).

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic

Classification

USCS (D 2487)= (SP)(3b) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 0.7049 D_{85}= 0.5697 D_{60}= 0.3449
D_{50}= 0.2931 D_{30}= 0.1911 D_{15}= 0.1177
D_{10}= 0.0963 C_u= 3.58 C_c= 1.10

Remarks

Boring 1, sample 4, 15 to 17 feet. Brown sand, trace gravel, silt. (SP)(3b). 4.2 % silt content in the sample. 11.09 % silt content per ASTM C566(ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 1, sample 4, 15 to 17 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 1, sample 4 **Depth:** 15 to 17 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 1, sample 4, 15 to 17 feet
Depth: 15 to 17 feet **Sample Number:** Boring 1, sample 4
Material Description: Boring 1, sample 4, 15 to 17 feet. Brown sand, trace gravel, silt. (SP)(3b). 4.2 % silt content in sample. 11.09 % moisture content in the sample per ASTM C566(ASTMD2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SP)(3b) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 1, sample 4, 15 to 17 feet. Brown sand, trace gravel, silt. (SP)(3b). 4.2 % silt content in the sample. 11.09 % silt content per ASTM C566(ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 354.20
Tare Wt. = 0.00
Minus #200 from wash = 4.2%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
369.60	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	6.50	98	2
			#10	15.50	96	4
			#16	22.20	94	6
			#30	49.90	86	14
			#40	101.20	73	27
			#50	179.80	51	49
			#100	288.90	22	78
			#200	354.20	4.2	95.8

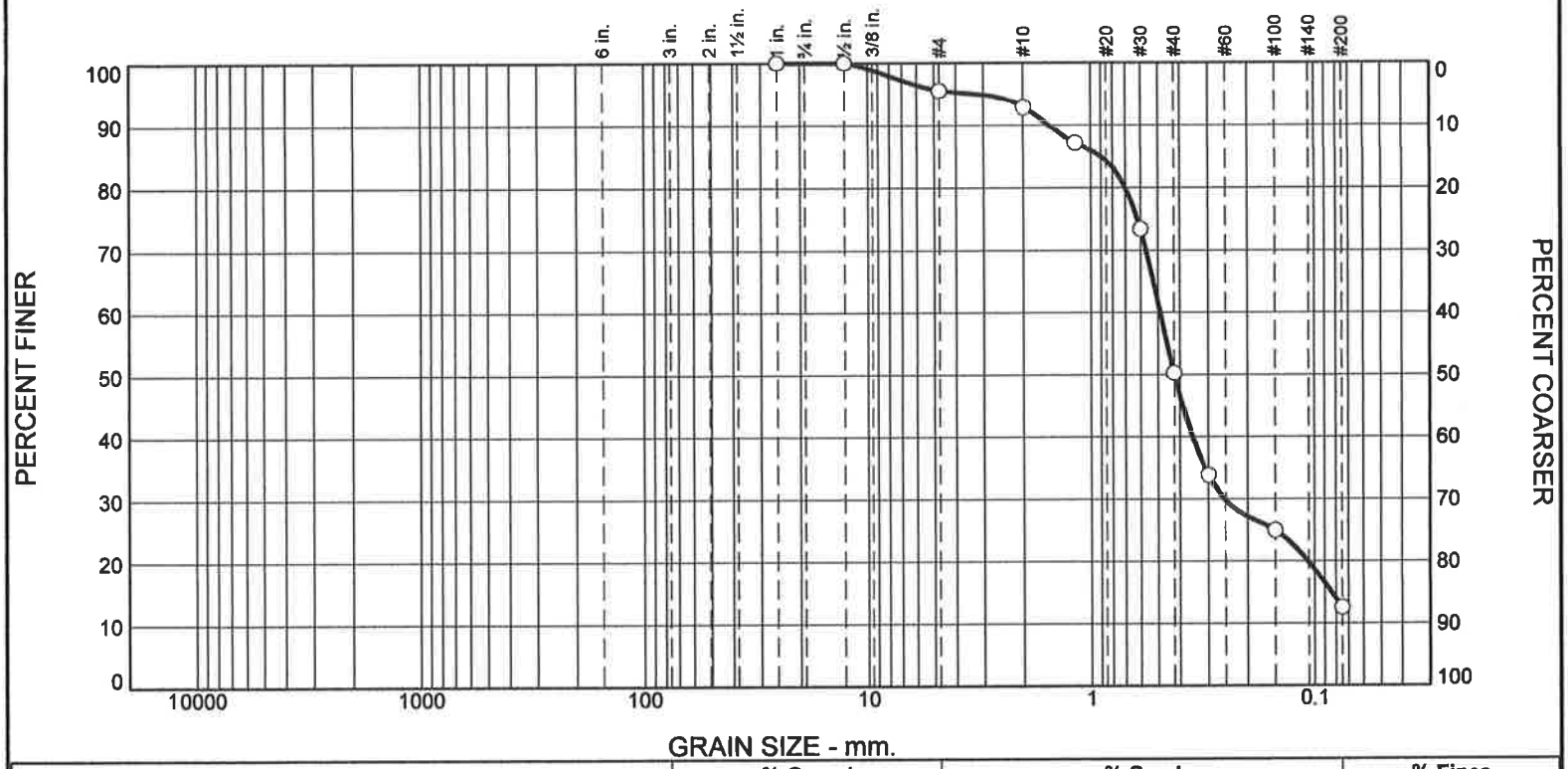
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	2	2	2	23	69	94			4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0778	0.0963	0.1177	0.1411	0.1911	0.2422	0.2931	0.3449	0.4959	0.5697	0.7049	1.5799

Fineness Modulus	C_u	C_c
1.52	3.58	1.10

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	4	3	43	37	13

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	96		
#10	93		
#16	87		
#30	73		
#40	50		
#50	34		
#100	25		
#200	13		

* (no specification provided)

Material Description

Boring 2, sample 2, 7 to 9 feet. Gray brown sand, trace gravel, little silt. (SP-SM)(FILL)7). 13 % silt content in sample. 19.04 % moisture content in the sample per ASTM C566(D2217).

Atterberg Limits (ASTM D 4318)

PL= NA LL= NA PI= Non-plastic

Classification

USCS (D 2487)= (SP-SM)(FILL)(7) AASHTO (M 145)= NA

Coefficients

D_{90}= 1.5419 D_{85}= 0.8986 D_{60}= 0.4890
D_{50}= 0.4233 D_{30}= 0.2551 D_{15}= 0.0839
D_{10}= C_u= C_c=

Remarks

Boring 2, sample 2, 7 to 9 feet. Gray brown sand, little silt, trace gravel. (SP-SM)(FILL)(7). 13 % silt content in the sample. 19.04 % moisture content per ASTM C566(ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 2, sample 2, 7 to 9 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 2, sample 2 **Depth:** 7 to 9 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 2, sample 2, 7 to 9 feet
Depth: 7 to 9 feet **Sample Number:** Boring 2, sample 2
Material Description: Boring 2, sample 2, 7 to 9 feet. Gray brown sand, trace gravel, little silt. (SP-SM)(FILL)7). 13 % silt content in sample. 19.04 % moisture content in the sample per ASTM C566(D2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SP-SM)(FILL)(7) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 2, sample 2, 7 to 9 feet. Gray brown sand, little silt, trace gravel. (SP-SM)(FILL)(7). 13 % silt content in the sample. 19.04 % moisture content per ASTM C566(ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare** = 218.80
Tare Wt. = 0.00
Minus #200 from wash = 12.5%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
250.10	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	11.10	96	4
			#10	17.80	93	7
			#16	32.20	87	13
			#30	66.50	73	27
			#40	124.40	50	50
			#50	165.50	34	66
			#100	187.70	25	75
			#200	218.70	13	87

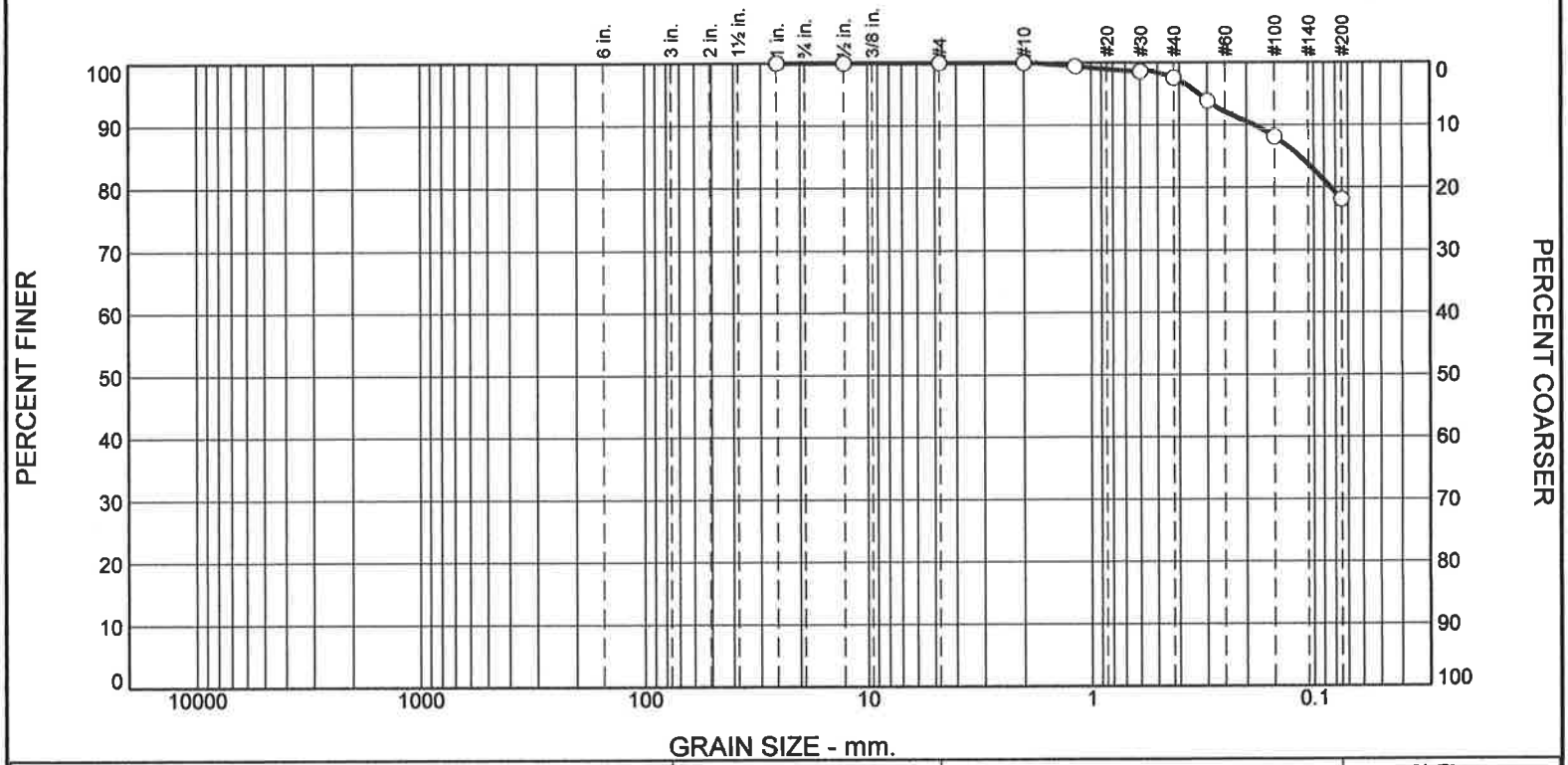
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	4	4	3	43	37	83			13

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
		0.0839	0.1073	0.2551	0.3529	0.4233	0.4890	0.7004	0.8986	1.5419	3.2956

Fineness Modulus
1.92

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	0	0	2	20	78

Test Results (ASTM C136/AASHTO T27 & ASTM C117/t11

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	100		
#10	100		
#16	99		
#30	99		
#40	98		
#50	94		
#100	88		
#200	78		

* (no specification provided)

Material Description

Boring 2, sample 6, 20 to 22 feet. Brown clayey silt. (ML)(5b). 78 % fines (majority silt). 31.33 % moisture content per ASTM C566(ASTM D2217). PI (Atterberg Limits) = 10.23 % (0.1023).

Atterberg Limits (ASTM D 4318)

PL= 27.45%(0.2745) **LL=** 37.68%(0.3768) **PI=** 10.23%(0.1023)

Classification

USCS (D 2487)= (ML)(5B) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 0.1847 D_{85}= 0.1156 D_{60}=
D_{50}= D_{30}= D_{15}=
D_{10}= C_u= C_c=

Remarks

Boring 2, sample 6, 20 to 22 feet. Brown clayey silt. (ML)(5b). 78 % fines passing #200 screen (majority of fines are silt). 31.33 % moisture content per ASTM C566 (ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 2, sample 6, 20 to 22 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 2, sample 6 **Depth:** 20 to 22 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 2, sample 6, 20 to 22 feet
Depth: 20 to 22 feet **Sample Number:** Boring 2, sample 6
Material Description: Boring 2, sample 6, 20 to 22 feet. Brown clayey silt. (ML)(5b). 78 % fines (majority silt). 31.33 % moisture content per ASTM C566(ASTM D2217). PI (Atterberg Limits) = 10.23 % (0.1023).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** 27.45%(0.2745) **LL:** 37.68%(0.3768) **PI:** 10.23%(0.1023)
USCS Classification: (ML)(5B) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/t11 (Method A - water used only)
Testing Remarks: Boring 2, sample 6, 20 to 22 feet. Brown clayey silt. (ML)(5b). 78 % fines passing #200 screen (majority of fines are silt). 31.33 % moisture content per ASTM C566 (ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare** = 32.10
Tare Wt. = 0.00
Minus #200 from wash = 78.0%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
146.00	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	0.00	100	0
			#10	0.00	100	0
			#16	0.90	99	1
			#30	2.10	99	1
			#40	3.50	98	2
			#50	9.00	94	6
			#100	17.20	88	12
			#200	32.00	78	22

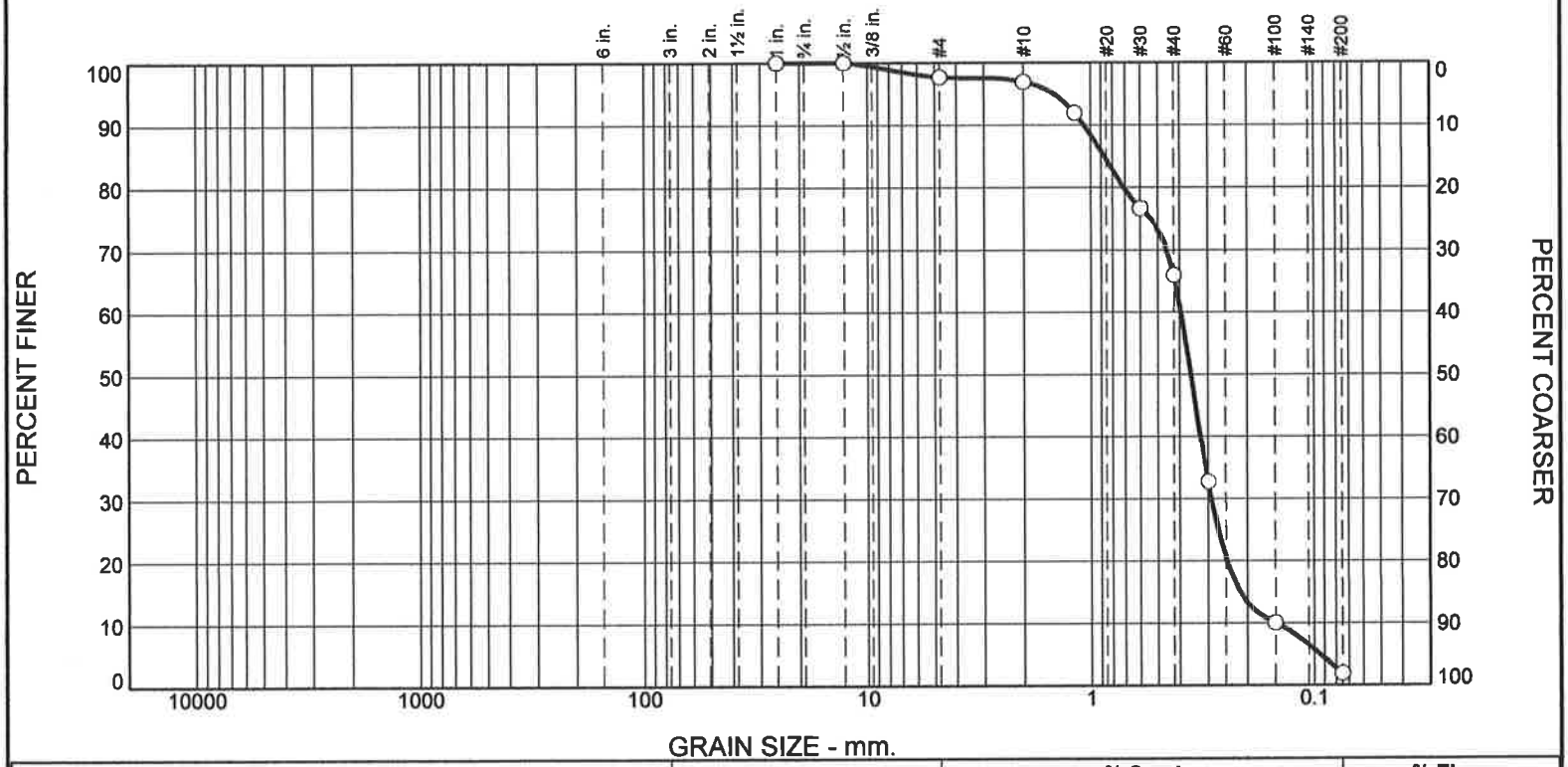
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	0	0	0	2	20	22			78

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.0841	0.1156	0.1847	0.3320

Fineness Modulus
0.20

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	2	1	31	64	2

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	98		
#10	97		
#16	92		
#30	77		
#40	66		
#50	33		
#100	10		
#200	1.9		

* (no specification provided)

Material Description

Boring 2, sample 11, 45 to 47 feet. Light brown - orange medium to fine grained sand, trace silt. (SP)(3b). 1.9 % silt content in the sample per C117. 20.11 % moisture content per ASTM C566(ASTM D2217).

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic

Classification

USCS (D 2487)= (SP)(3b) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 1.0696 D_{85}= 0.8701 D_{60}= 0.3947
D_{50}= 0.3566 D_{30}= 0.2903 D_{15}= 0.2161
D_{10}= 0.1495 C_u= 2.64 C_c= 1.43

Remarks

Boring 2, sample 11, 45 to 47 feet. Light brown - orange medium to fine grained sand, trace silt. (SP)(3b). 1.9 % wsilt content in the sample. 20.11 % moisture content per ASTM C566(ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 2, sample 11, 45 to 47 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 2, sample 11 **Depth:** 45 to 47 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 2, sample 11, 45 to 47 feet
Depth: 45 to 47 feet **Sample Number:** Boring 2, sample 11
Material Description: Boring 2, sample 11, 45 to 47 feet. Light brown - orange medium to fine grained sand, trace silt. (SP)(3b). 1.9 % silt content in the sample per C117. 20.11 % moisture content per ASTM C566(ASTM D2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SP)(3b) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 2, sample 11, 45 to 47 feet. Light brown - orange medium to fine grained sand, trace silt. (SP)(3b). 1.9 % wsilt content in the sample. 20.11 % moisture content per ASTM C566(ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 325.90
Tare Wt. = 0.00
Minus #200 from wash = 1.9%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
332.10	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	7.70	98	2
			#10	10.20	97	3
			#16	26.60	92	8
			#30	77.70	77	23
			#40	113.20	66	34
			#50	223.40	33	67
			#100	298.80	10	90
			#200	325.80	1.9	98.1

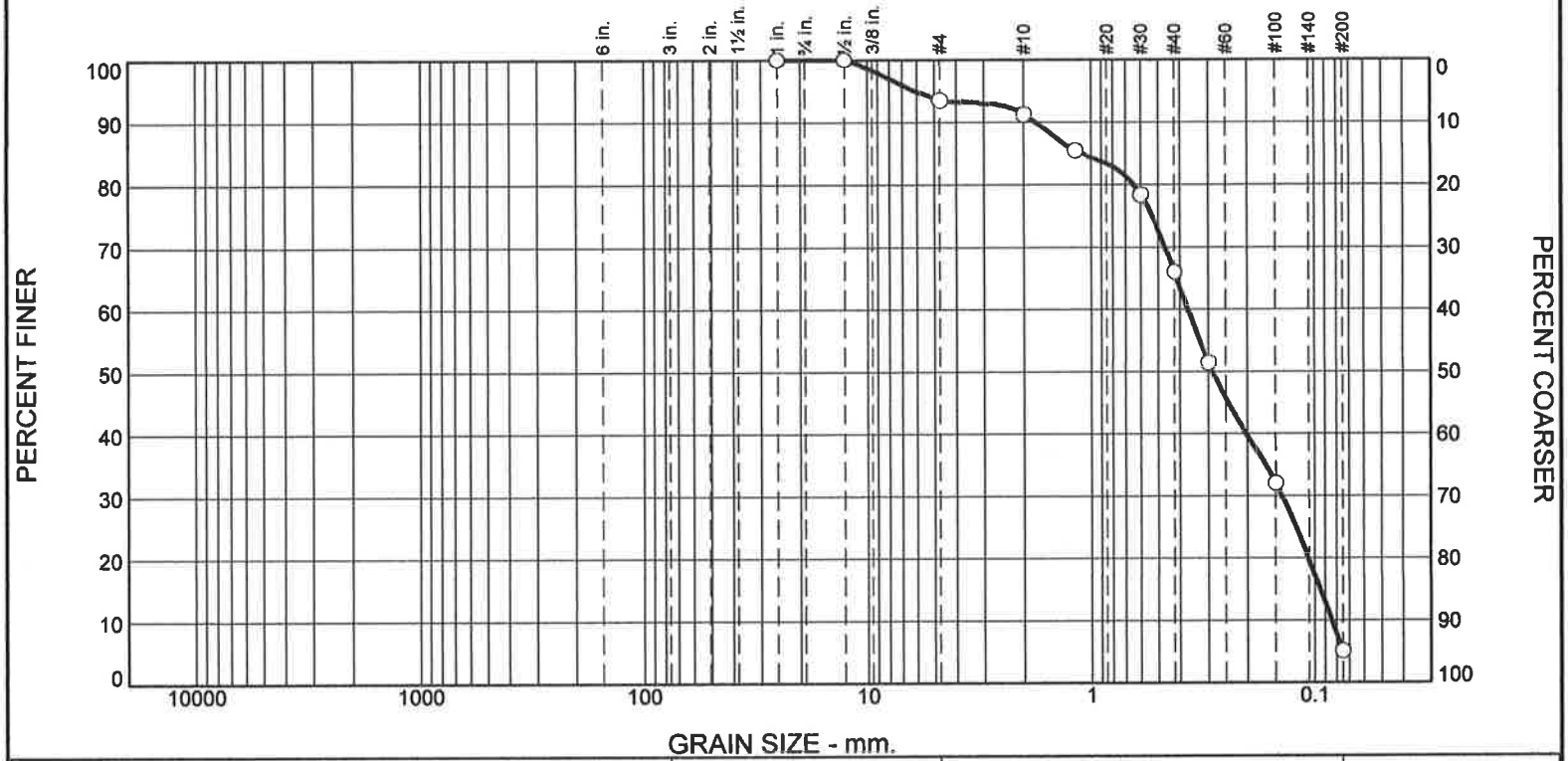
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	2	2	1	31	64	96			2

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0947	0.1495	0.2161	0.2475	0.2903	0.3238	0.3566	0.3947	0.7106	0.8701	1.0696	1.4645

Fineness Modulus	C_u	C_c
1.94	2.64	1.43

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	6	3	25	61	5

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	94		
#10	91		
#16	85		
#30	78		
#40	66		
#50	51		
#100	32		
#200	5.1		

* (no specification provided)

Material Description

Boring 3, sample 1, 5 to 7 feet. Brown-light brown-gray sand, trace gravel, silt, brick. (SP)(FILL)(7). 5.1 % silt content in the sample. 11.11 % moisture content per ASTM C566.

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic

Classification

USCS (D 2487)= (SM)(FILL) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 1.7711 D_{85}= 1.1249 D_{60}= 0.3702
D_{50}= 0.2883 D_{30}= 0.1409 D_{15}= 0.0946
D_{10}= 0.0841 C_u= 4.40 C_c= 0.64

Remarks

Boring 3, sample 2, 7 to 9 feet. Brown-light brown-gray sand, trace gravel, silt, brick. (SP)(FILL) (7). 5.1 % silt content in the sample. 11.11 % moisture content.

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 3, sample 1, 5 to 7 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 3, sample 1 **Depth:** 5 to 7 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 3, sample 1, 5 to 7 feet
Depth: 5 to 7 feet **Sample Number:** Boring 3, sample 1
Material Description: Boring 3, sample 1, 5 to 7 feet. Brown-light brown-gray sand, trace gravel, silt, brick. (SP)(FILL)(7). 5.1 % silt content in the sample. 11.11 % moisture content per ASTM C566.
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SM)(FILL)(7) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 3, sample 2, 7 to 9 feet. Brown-light brown-gray sand, trace gravel, silt, brick. (SP)(FILL) (7). 5.1 % silt content in the sample. 11.11 % moisture content.
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 195.10
Tare Wt. = 0.00
Minus #200 from wash = 5.1%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
205.60	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	13.10	94	6
			#10	18.00	91	9
			#16	30.10	85	15
			#30	44.50	78	22
			#40	69.90	66	34
			#50	99.90	51	49
			#100	139.90	32	68
			#200	195.10	5.1	94.9

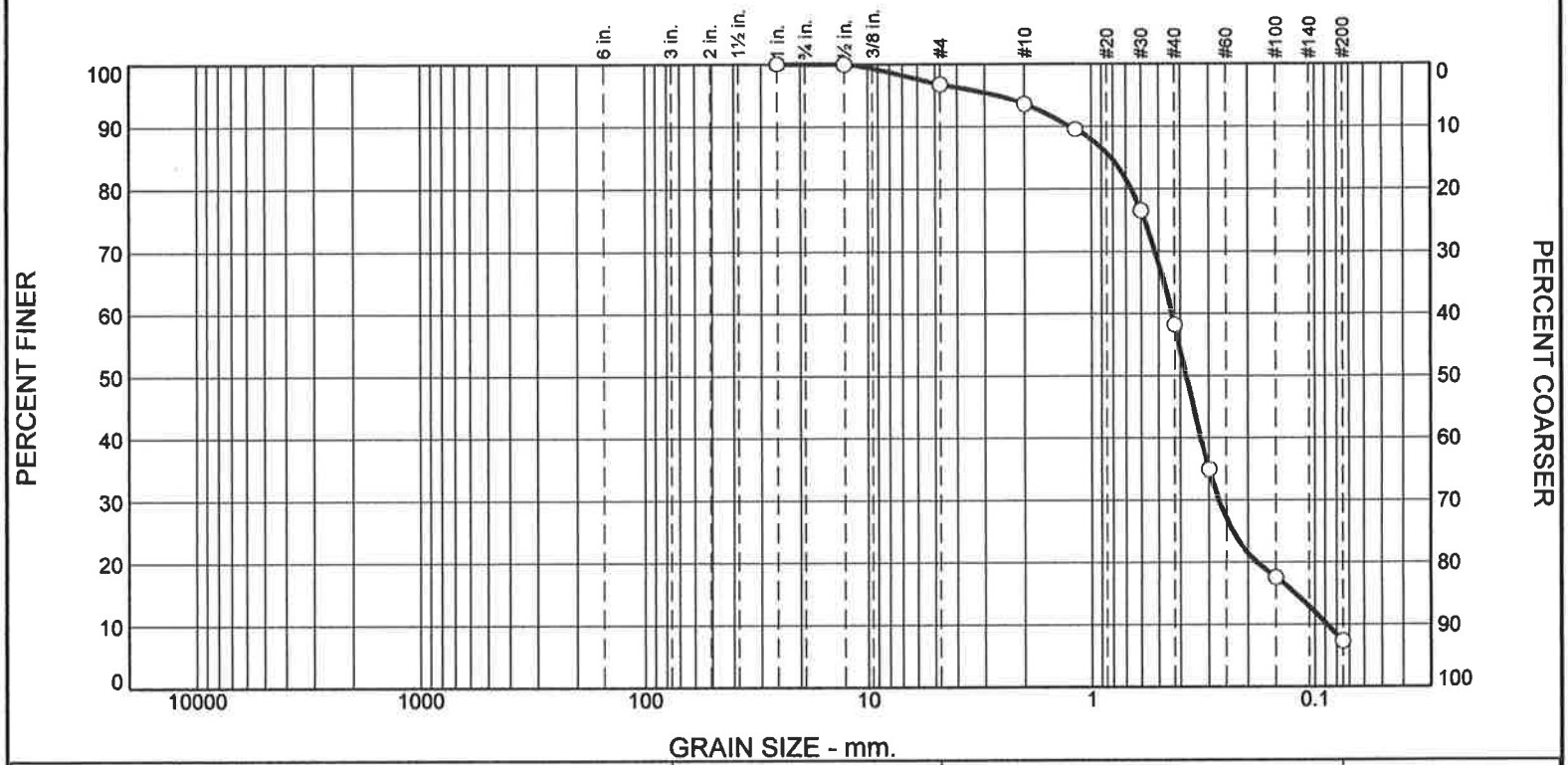
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	6	6	3	25	61	89			5

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
	0.0841	0.0946	0.1070	0.1409	0.2029	0.2883	0.3702	0.6456	1.1249	1.7711	6.1343

Fineness Modulus	C_u	C_c
1.69	4.40	0.64

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	3	3	36	51	7

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	100		
#4	97		
#10	94		
#16	89		
#30	77		
#40	58		
#50	35		
#100	18		
#200	7.3		

* (no specification provided)

Material Description

Boring 4, sample 2, 7 to 9 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 7.3 % silt content in the sample. 12.01 % moisture content per ASTM C566(D2217).

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic(sand)

Classification

USCS (D 2487)= (SP)(FILL) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 1.2484 D_{85}= 0.8151 D_{60}= 0.4372
D_{50}= 0.3778 D_{30}= 0.2713 D_{15}= 0.1232
D_{10}= 0.0885 C_u= 4.94 C_c= 1.90

Remarks

Boring 4, sample 2, 7 to 9 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 7.3 % silt content in the sample. 12.01 % moisture content per ASTM C566(ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 4, sample 2, 7 to 9 feet **Date Sampled:** 4/30/2020

Sample Number: Boring 4, sample 2 **Depth:** 7 to 9 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies

Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.

Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 4, sample 2, 7 to 9 feet
Depth: 7 to 9 feet **Sample Number:** Boring 4, sample 2
Material Description: Boring 4, sample 2, 7 to 9 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 7.3 % silt content in the sample. 12.01 % moisture content per ASTM C566(D2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic(sand)
USCS Classification: (SP)(FILL)(7) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 4, sample 2, 7 to 9 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 7.3 % silt content in the sample. 12.01 % moisture content per ASTM C566(ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 175.60
Tare Wt. = 0.00
Minus #200 from wash = 7.3%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
189.50	0.00	0.00	1	0.00	100	0
			.5	0.00	100	0
			#4	6.10	97	3
			#10	12.10	94	6
			#16	19.90	89	11
			#30	44.50	77	23
			#40	79.30	58	42
			#50	123.40	35	65
			#100	156.20	18	82
			#200	175.60	7.3	92.7

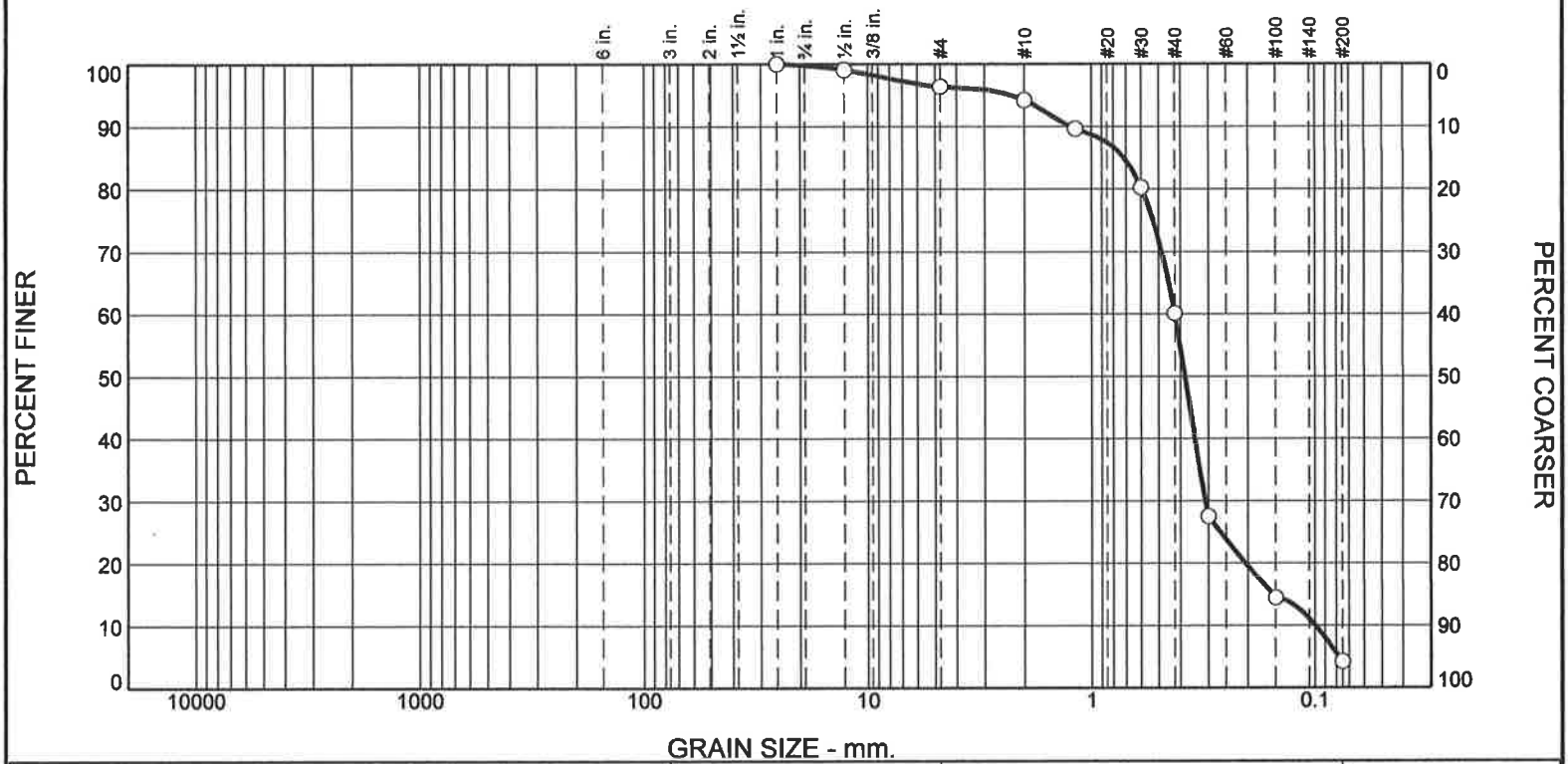
Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	3	3	3	36	51	90			7

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
	0.0885	0.1232	0.1830	0.2713	0.3266	0.3778	0.4372	0.6629	0.8151	1.2484	2.6762

Fineness Modulus	C_u	C_c
1.91	4.94	1.90

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines
	Coarse	Fine	Coarse	Medium	Fine	Silt
0	0	4	2	34	56	4

Test Results (ASTM C136/AASHTO T27 & ASTM C117/

Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
1	100		
.5	99		
#4	96		
#10	94		
#16	90		
#30	80		
#40	60		
#50	28		
#100	14		
#200	4.2		

* (no specification provided)

Material Description

Boring 6, sample 1, 5 to 7 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 4.2 % silt content in the sample. 7.35 % moisture content in the sample per ASTM C566(ASTM D2217).

Atterberg Limits (ASTM D 4318)

PL= NA **LL=** NA **PI=** Non-plastic

Classification

USCS (D 2487)= (SP)(FILL)(7) **AASHTO (M 145)=** NA

Coefficients

D_{90}= 1.2358 D_{85}= 0.7154 D_{60}= 0.4246
D_{50}= 0.3819 D_{30}= 0.3097 D_{15}= 0.1550
D_{10}= 0.0997 C_u= 4.26 C_c= 2.27

Remarks

Boring 6, sample 1, 5 to 7 feet. Brown sand, trace gravel, trace silt content. 4.2 % silt content in the sample per ASTM C117. 7.35 % moisture content per ASTM C566 (ASTM D2217).

Date Received: 5/4/2020 **Date Tested:** 5/12/2020

Tested By: Robert Hill, ACI#00094686

Checked By: Robert Hill, ACI#00094686

Title: Assistant Lab Director

Location: Boring 6, sample 1, 5 to 7 feet **Date Sampled:** 4/30/2020
Sample Number: Boring 6, sample 1 **Depth:** 5 to 7 feet

SOIL MECHANICS DRILLING CORP.
Seaford, NY

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project No: 20-111 **Figure**

GRAIN SIZE DISTRIBUTION TEST DATA

5/12/2020

Client: BL Companies
Project: CNG Injection - National Grid, West of Shore Road, Glenwood Landing, N.Y.
Project Number: 20-111
Location: Boring 6, sample 1, 5 to 7 feet
Depth: 5 to 7 feet **Sample Number:** Boring 6, sample 1
Material Description: Boring 6, sample 1, 5 to 7 feet. Brown sand, trace gravel, silt. (SP)(FILL)(7). 4.2 % silt content in the sample. 7.35 % moisture content in the sample per ASTM C566(ASTM D2217).
Sample Date: 4/30/2020
Date Received: 5/4/2020 **PL:** NA **LL:** NA **PI:** Non-plastic
USCS Classification: (SP)(FILL)(7) **AASHTO Classification:** NA
Grain Size Test Method: ASTM C136/AASHTO T27
#200 Wash Method: ASTM C117/T11 (Method A - water used only)
Testing Remarks: Boring 6, sample 1, 5 to 7 feet. Brown sand, trace gravel, trace silt content. 4.2 % silt content in the sample per ASTM C117. 7.35 % moisture content per ASTM C566 (ASTM D2217).
Tested By: Robert Hill, ACI#00094686 **Test Date:** 5/12/2020
Checked By: Robert Hill, ACI#00094686 **Title:** Assistant Lab Director

Sieve Test Data

Post #200 Wash Test Weights (grams): **Dry Sample and Tare =** 323.40
Tare Wt. = 0.00
Minus #200 from wash = 4.2%

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer	Percent Retained
337.70	0.00	0.00	1	0.00	100	0
			.5	3.20	99	1
			#4	12.30	96	4
			#10	19.30	94	6
			#16	34.90	90	10
			#30	66.70	80	20
			#40	134.80	60	40
			#50	244.70	28	72
			#100	288.90	14	86
			#200	323.40	4.2	95.8

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0	0	4	4	2	34	56	92			4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
0.0777	0.0997	0.1550	0.2051	0.3097	0.3456	0.3819	0.4246	0.5958	0.7154	1.2358	2.2504

Fineness Modulus	C_u	C_c
1.99	4.26	2.27

Appendix C

IC/EC 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. V00351

Site Name Former Glenwood Landing Gas Plant and Holding Sta

Site Address: Shore Road (both sides) Zip Code: 11547
City/Town: Glenwood Landing
County: Nassau
Site Acreage: 20.000

Reporting Period: June 05, 2017 to June 05, 2022

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

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative Date

Description of Institutional Controls

Parcel	Owner	Institutional Control
21-F-4	National Grid	Ground Water Use Restriction Landuse Restriction Building Use Restriction Site Management Plan

All Engineering Controls are maintained as specified in this SMP; All Engineering Controls on the Site are inspected and certified at a frequency and in a manner defined in this SMP; Soil vapor and other environmental or public health monitoring is performed as defined in this SMP; and Data and information pertinent to Site Management for the Site is reported at the frequency and in a manner defined in this SMP. Any future activities on the property that will disturb remaining contamination in Areas 3 and 1B must be conducted in accordance with the Excavation Work Plan included in this SMP; The portion of the property located to the east of Shore Road may be used for industrial use, provided that the long-term Engineering and Institutional Controls remain in use as described in this SMP; The portion of the property located to the west of Shore Road may be used for restricted residential use, provided that the long-term Engineering and Institutional Controls, in particular the Area 1B soil cover system, remain in use as described in this SMP; Any proposed changes to the portions of the property that are subject to Engineering and Institutional Controls must be approved by NYSDEC; and Use of groundwater underlying the Site property is prohibited without testing and/or treatment to ensure it is safe for the intended use.

21-F-9	National Grid	Ground Water Use Restriction Landuse Restriction Building Use Restriction Site Management Plan

All Engineering Controls are maintained as specified in this SMP; All Engineering Controls on the Site are inspected and certified at a frequency and in a manner defined in this SMP; Soil vapor and other environmental or public health monitoring is performed as defined in this SMP; and Data and information pertinent to Site Management for the Site is reported at the frequency and in a manner defined in this SMP. Any future activities on the property that will disturb remaining contamination in Areas 3 and 1B must be conducted in accordance with the Excavation Work Plan included in this SMP; The portion of the property located to the east of Shore Road may be used for industrial use, provided that the long-term Engineering and Institutional Controls remain in use as described in this SMP; The portion of the property located to the west of Shore Road may be used for restricted residential use, provided that the long-term Engineering and Institutional Controls, in particular the Area 1B soil cover system, remain in use as described in this SMP; Any proposed changes to the portions of the property that are subject to Engineering and Institutional Controls must be approved by NYSDEC; and Use of groundwater underlying the Site property is prohibited without testing and/or treatment to ensure it is safe for the intended use.

21-M-35	National Grid	Ground Water Use Restriction Landuse Restriction Building Use Restriction Site Management Plan

All Engineering Controls are maintained as specified in this SMP; All Engineering Controls on the Site are inspected and certified at a frequency and in a manner defined in this SMP; Soil vapor and other environmental or public health monitoring is performed as defined in this SMP; and Data and information pertinent to Site Management for the Site is reported at the frequency and in a manner defined in this SMP. Any future activities on the property that will disturb remaining contamination in Areas 3 and 1B must be conducted in accordance with the Excavation Work Plan included in this SMP; The portion of the property located to the east of Shore Road may be used for industrial use, provided that the long-term Engineering and Institutional Controls remain in use as described in this SMP; The portion of the property located to the west of Shore Road may be used for restricted residential use, provided that the long-term Engineering and Institutional Controls, in particular the Area 1B soil cover system, remain in use as described in this SMP; Any proposed changes to the portions of the property that are subject to Engineering and Institutional

Controls must be approved by NYSDEC; and Use of groundwater underlying the Site property is prohibited without testing and/or treatment to ensure it is safe for the intended use.

21-M-36 National Grid

Ground Water Use Restriction
Landuse Restriction
Building Use Restriction
Site Management Plan

All Engineering Controls are maintained as specified in this SMP; All Engineering Controls on the Site are inspected and certified at a frequency and in a manner defined in this SMP; Soil vapor and other environmental or public health monitoring is performed as defined in this SMP; and Data and information pertinent to Site Management for the Site is reported at the frequency and in a manner defined in this SMP. Any future activities on the property that will disturb remaining contamination in Areas 3 and 1B must be conducted in accordance with the Excavation Work Plan included in this SMP; The portion of the property located to the east of Shore Road may be used for industrial use, provided that the long-term Engineering and Institutional Controls remain in use as described in this SMP; The portion of the property located to the west of Shore Road may be used for restricted residential use, provided that the long-term Engineering and Institutional Controls, in particular the Area 1B soil cover system, remain in use as described in this SMP; Any proposed changes to the portions of the property that are subject to Engineering and Institutional Controls must be approved by NYSDEC; and Use of groundwater underlying the Site property is prohibited without testing and/or treatment to ensure it is safe for the intended use.

Box 4

Description of Engineering Controls

Parcel — Engineering Control

21-F-4

Vapor Mitigation
Cover System

A cover system in Area 3 consisting of clean fill from the bottom of the excavation area to approximately 6 inches below grade and 6 inches of topsoil and seed; and A cover system in Area 1B consisting of 10 oz./square yard geotextile, 1 foot of clean clay/soil cover and 6 inches of topsoil and seed, including perimeter drainage improvements. The potential for vapor intrusion must be evaluated for any new buildings proposed on the Site, and mitigated as necessary to allow for safe construction;

21-F-9

Vapor Mitigation
Cover System

A cover system in Area 3 consisting of clean fill from the bottom of the excavation area to approximately 6 inches below grade and 6 inches of topsoil and seed; and A cover system in Area 1B consisting of 10 oz./square yard geotextile, 1 foot of clean clay/soil cover and 6 inches of topsoil and seed, including perimeter drainage improvements. The potential for vapor intrusion must be evaluated for any new buildings proposed on the Site, and mitigated as necessary to allow for safe construction;

21-M-35

Cover System
Vapor Mitigation

A cover system in Area 3 consisting of clean fill from the bottom of the excavation area to approximately 6 inches below grade and 6 inches of topsoil and seed; and A cover system in Area 1B consisting of 10 oz./square yard geotextile, 1 foot of clean clay/soil cover and 6 inches of topsoil and seed, including perimeter drainage improvements. The potential for vapor intrusion must be evaluated for any new buildings proposed on the Site, and mitigated as necessary to allow for safe construction;

21-M-36

Vapor Mitigation
Cover System

A cover system in Area 3 consisting of clean fill from the bottom of the excavation area to approximately 6 inches below grade and 6 inches of topsoil and seed; and A cover system in Area 1B consisting of 10 oz./square yard geotextile, 1 foot of clean clay/soil cover and 6 inches of topsoil and seed, including perimeter drainage improvements. The potential for vapor intrusion must be evaluated for any new buildings proposed on the Site, and mitigated as necessary to allow for safe construction;

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
X	

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

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

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

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

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

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

YES	NO
X	

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. V00351

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 Christopher Morris, P.G. at 1000 New York Avenue, Huntington Station, NY,
print name print business address

am certifying as agent for owner/remedial party (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

12/16/22
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 Jeffrey Parillo at 455 winding Brook Drive, Glastonbury, CT
print name print business address

am certifying as a Professional Engineer for the owner/remedial party
(Owner or Remedial Party)

12/16/22

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date