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Phase II Environmental Site Assessment

Kensington and Bailey Properties

1096, 1098, 1102 Kensington Avenue; 3074 Bailey Avenue

Buffalo, New York 14215

Prepared for:
Evergreen Health Services
206 South Elmwood Ave.
Buffalo, New York 14201

October 2022

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EXECUTIVE SUMMARY

At the request of Evergreen Health Services, C&S Engineers, Inc. (C&S) has prepared this Phase II Environmental Site Assessment (Phase II or Investigation) Report of the Kensington and Bailey Properties located at 1096, 1098, and 1102 Kensington Avenue and 3074 Bailey Avenue (Site). The scope of services for the Phase II was based on our proposal dated August 26, 2022. The location of the Site is shown on **Figure 1**.

This Phase II ESA was conducted following findings made within the Phase I ESA also performed by C&S. The phase I ESA recommended the completion of a surface, subsurface, and groundwater investigation to determine if historical onsite and offsite land uses have impacted the Subject Property soil or groundwater. C&S designed an investigation that focused on the following areas:

- A surface soil investigation, which included sampling five locations across the Subject Property. Surface samples were then observed for the potential of any historical fill materials across the site and analyzed for NYSDEC part 375 VOCs, SVOCs, and metals.
- A subsurface investigation, which included the advancement of 14 soil borings across the site. Ten soil samples were collected from the borings and analyzed for NYSDEC part 375 VOCs, SVOCs, and metals.
- The installation of temporary groundwater monitoring wells near areas of environmental concern. Groundwater was sampled and analyzed for VOCs, SVOCs, and metals.

C&S' Investigation of the Site was conducted on October 3, 2022 and October 4, 2022. The following summarizes and discusses the results of this Investigation.

FINDINGS:

Surface Soil

Five surface soil samples were collected across the Subject Property. No VOCs were detected in the samples collected that exceeded Unrestricted Use SCOs. SVOCs were detected in four of the five surface soil samples collected. SVOCs exceeded levels for Unrestricted, Restricted Residential, and Industrial Use SCOS. Metals were detected in four of the five samples collected and exceeded levels for Unrestricted and Industrial Use SCOs.

Subsurface Investigation

Fourteen subsurface soil borings were carried out across the Subject Property and ten subsurface soil samples were collected at various depths. One of the ten samples had exceedances for VOCs that were above Unrestricted Use SCOs. SVOCs were detected in two of the ten subsurface samples. The SVOCs exceeded Unrestricted, Restricted Residential, and Industrial Use SCOs. Metals were detected in four of the ten samples collected and exceeded Unrestricted Use SCOs for multiple analytes.

Groundwater

Three temporary groundwater monitoring wells were installed across the site in the previously drilled soil borings. VOCs and SVOCs were detected at concentrations greater than laboratory detection limits. However, the concentrations were below TOGS 1.1.1 Part I ambient standards and guidance values. Metals were detected in all three groundwater samples and exceeded NYS standards and guidance values for multiple analytes.

Conclusions:

Based on the observation of historical fill across the site and the results of the investigation, indicating multiple analytes exceeding SCOs and guidance values in soil and groundwater. However, these concentrations do not suggest significant contamination relating to past use of the Site or nearby properties. The elevated concentrations of analytes appear to be related to the presence of the historic fill materials. As such, no regulatory-related cleanup appears to be required at the Site. However, based on the results of this assessment, the Site appears to be a suitable candidate for application into the NSYDEC Brownfield Cleanup Program (BCP).

1. INTRODUCTION

At the request of Evergreen Health Services, C&S Engineers, Inc. (C&S) has prepared this Phase II Environmental Site Assessment (Phase II or Investigation) Report of the Kensington and Bailey Properties located at 1096, 1098, and 1102 Kensington Avenue and 3074 Bailey Avenue (Site). The scope of services for the Phase II was based on our August 26, 2022 proposal. The location of the Site is shown on **Figure 1**. The investigation was performed generally consistent with American Society of Testing and Materials (ASTM) E 1903-19 Standard Guide for Environmental Site Assessments: Phase II Environmental Site Assessment Process, unless noted otherwise in this report.

As indicated in the Standard, there are a wide variety of reasons to perform a Phase II Investigation:

- Assess whether there has been a release of a hazardous substance applicable to CERCLA for purposes including landowner liability protections (innocent landowner, bonafide prospective purchaser, or contiguous property owner);
- Provide information relevant to identifying, defining, or implementing landowner continuing obligations;
- Develop threshold knowledge of the presence of substances within the scope of CERCLA to qualify as a Brownfield;
- Provide information relative to identifying, defining, and evaluating conditions that could lead to environmental or human health hazards;
- Provide information relative to evaluating business environmental risk; and
- Provide information to support disclosure of liabilities for financial statements and reporting.

The scope of services for this Investigation included the following tasks:

- Subsurface investigation of the geologic and hydrogeologic conditions of the Site;
- Collection and laboratory analytical testing of soil and groundwater, samples;
- Evaluation of the findings of the investigation and analytical testing; and
- Discussion of the potential impact of the observed conditions on the Site and recommendation of further actions.

This Investigation was intended to provide further information on the Site's environmental condition to render a professional opinion on the suspected presence or absence of petroleum or chemical impacts.

1.1. Limitations and Exceptions

C&S has performed this Investigation consistent with the contract scope of services, using reasonable efforts to identify areas of potential liability associated with environmental concerns at the Site. As detailed in our scope of services, the purpose of the investigation was not to characterize the Site in entirety. Investigation efforts focused around areas / buildings that were believed to be significant based on the results of a previous Phase I Environmental Site Assessment (ESA) and / or based on information provided by Evergreen Health Services.

The conclusions in this report were based solely on the review of historical documentation, geologic / hydrogeologic data collected on the Site, and laboratory analytical results. C&S has made no independent investigation of the accuracy of any secondary sources and has assumed them to be accurate and complete. C&S does not warrant the accuracy or completeness of the information provided by the secondary sources. C&S does not warrant that contamination that may exist on the site has been discovered, that the site is suitable for any particular purpose, or that the site is clean or free of liability.

No environmental site investigation can wholly eliminate uncertainty regarding the potential nature and extent of the identified environmental concern(s) in connection with a property. Even when an Investigation is executed competently and consistent with the ASTM Standard, it must be recognized that certain conditions present especially difficult target analyte detection problems. Such conditions may include, but are not limited to, complex geological settings, unusual or generally poorly understood behavior and fate characteristics of certain substances, complex, discontinuous, random, dynamic, or spotty distributions of target analytes, physical impediments to investigation imposed by the location of utilities and other man-made objects, and the inherent limitations of assessment technologies.

Similar to a Phase I ESA, there is a point at which the cost of the information obtained or the time required to gather it outweighs the usefulness of the information and, in the context of private transactions and contractual responsibilities, may become a material detriment to the orderly completion of business. If the presence of target analytes is confirmed on a property, the extent of further assessment is a function of the degree of confidence required and the degree of uncertainty acceptable, in relation to the objectives of the assessment.

2. SITE DESCRIPTION

The following sections include a description of the location, site characteristics, and land use in the vicinity of the Site.

2.1. Location and Legal Description

The Site is approximately 0.72-acres, identified as tax parcel 90.32-6-30, 90.32-6-29, 90.32-6-24.1, and 90.32-6-26, and is reportedly owned by JP Group, LLC. The property is located at 1096, 1098, and 1102 Kensington Avenue and 3074 Bailey Avenue.

The Site consists of one structure, a connected house and deli/convenience store, located at 1096 Kensington Avenue. Additionally, the northwestern portion of the Site is covered with asphalt while the remainder of the Site is covered with exposed soil and grass, sparse bushes and trees, and areas of visible construction debris. Additionally, a fence, two guardrails, a metal gate, and a utility pole are also present on the Site.

The Site is relatively flat but gently slopes northward, and is at an approximate elevation of 660-feet above mean sea level.

The list below describes the properties / features / roads immediately surrounding the Site:

<i>Direction</i>	<i>Feature(s)</i>
North	Residential and Commercial (All Star Sports Bar and Grill)
South	Commercial (Captain of the Sea, Appliance Plus, a church)
East	Residential, Commercial (Dollar General), and a vacant building
West	Residential

2.2. Contamination Concerns

C&S completed a Phase I Environmental Site Assessment of the Site in July 2022. As a result of that assessment, several Recognized Environmental Conditions (RECs) were identified including:

- Historical property uses at 1102 Kensington Avenue as various types of cleaners (Thos. Carlos Hat Cleaner; Kensington Cleaners and Shoe Repair) from 1935 – 1946. It's unclear the method of cleaning was used at this location.
- Historical property uses at 3070 and 3072 Bailey Avenue as a dry-cleaning facility (Swan Cleaners; Lens One Hour Cleaners) from 1935-1955.
- Historical property uses at 1100 Kensington Avenue as Swiss Cleaners and Dryers in 1940.
- Historical property uses at 3060 Bailey Avenue as a gas company (Alden Aurora Gas Co. Inc.; Reserve Gas Co. Inc) in 1946-1960. It's unclear if this location only provided sales or if they also serviced any equipment related to their drilling operations.
- Historical property uses at 1094 Kensington Avenue, a former address suspected to be adjacent to the east of the Parcel A of the Subject Property, listed as a gas station in 1950.
- Historical property uses as a gas station, in addition to remaining contamination left in place following closure of NYSDEC Spill No. 1408813 at 3038 Bailey Avenue, adjacent to the south. The site operated as a gas station from 1930 until 1971 and an automobile repair shop in the 2000s.

Based on the above, further evaluation of the RECs was recommended. Due to the historical land uses, samples collected as part of this Investigation were analyzed for a combination of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals.

3. PHASE II ENVIRONMENTAL SITE ASSESSMENT RATIONALE AND METHODS

3.1. Scope and Objectives

This Investigation was intended to document current subsurface conditions. The scope of services detailed in our previously referenced proposal included:

- A subsurface investigation, which included the advancement of soil borings and installation of temporary groundwater monitoring wells.
- The collection of surface soil, subsurface soil, and groundwater samples.
- The laboratory analysis of the surface soil, subsurface soil, and groundwater samples.

Samples were collected to characterize surface soil, subsurface soil, and groundwater conditions and determine potential contaminant impacts in each medium.

3.2. Site Investigation Methods

3.2.1. Surface Soil Sample Collection

C&S collected surface soil samples representing the upper two inches of soil below the vegetative layer. Samples were collected with a decontaminated steel shovel. Non-disposable sampling equipment was decontaminated between sample locations to avoid potential cross contamination of samples. **Figure 2** shows the sample locations.

3.2.1.1. Field Screening

Each sample was scanned in the field with a Mini-Rae 3000 photo-ionization detector ("PID") with a 10.6-volt lamp and the readings were recorded in a field notebook. Soil that was collected and set aside on ice for potential subsequent lab analysis was placed in air-tight plastic zip lock bags. Prior to collecting the sample, the soil was screened in-situ or head space readings were collected to represent the interval being sampled.

3.2.1.2. Surface Soil Sample Collection

The samples were placed into glassware provided by the laboratory and put on ice in a cooler. Five surface soil samples (SS-01 through SS-05) were collected by C&S on September 14, 2022. The samples were analyzed for USEPA Target Compound List (TCL) volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and Target Analyte List (TAL) metals (excluding hexavalent chromium and cyanide) analysis. The samples were analyzed by Eurofins TestAmerica of Amherst, New York.

3.2.2. Soil Boring Advancement

C&S observed the drilling of soil borings by Matrix Environmental Technologies Inc. on October 3 and October 4, 2022. A total of 14 soil borings were advanced (SB-1 through SB-14). Soil borings were advanced from the ground surface to 15 feet bgs. Drilling was conducted using a track-mounted Geoprobe® drilling unit. Each boring location was continuously sampled using a two-inch by five-foot steel sampling tube fitted with a disposable acetate liner. Non-disposable sampling equipment was decontaminated between runs and between drill locations to avoid potential cross contamination of samples. **Figure 2** shows the boring locations.

Material description and physical evidence of petroleum contamination (staining or odors) of each direct push sample was recorded and organized into soil boring logs provided in **Appendix A**.

3.2.2.1. Field Screening

Each direct push sample was scanned in the field with a Mini-Rae 3000 photo-ionization detector ("PID") with a 10.6-volt lamp. The readings and corresponding depths are recorded on the soil boring logs provided in **Appendix A**. Soil that was collected and set aside on ice for potential subsequent lab analysis was placed in air-tight plastic zip lock bags. Prior to collecting the sample, head space readings were conducted to represent the specific interval being sampled.

3.2.2.2. Soil Sample Collection

The samples were placed into glassware provided by the laboratory and put on ice in a cooler. A total of 10 soil samples were collected by C&S on October 3 and

October 4, 2022 and submitted for USEPA TCL VOCs, SVOCs, and TAL metals analysis. The samples were analyzed by Eurofins TestAmerica of Amherst, New York.

3.2.3. Groundwater Monitoring Well Installation

C&S observed the drilling and installation of temporary groundwater monitoring wells by Matrix Environmental Technologies Inc. on October 3 and October 4, 2022. A total of three one-inch groundwater monitoring wells was installed (MW-SB-3, MW-SB-8 and MW-SB-10). **Figures 2 and 3** show the well locations. Drilling was conducted by advancing an approximate 2.5-inch diameter macrocore with a track-mounted Geoprobe® drilling unit. Non-disposable sampling equipment was decontaminated between runs and between drill locations to avoid potential cross contamination of samples.

3.2.3.1. Well Construction

The wells were installed within an approximate 2.5-inch diameter borehole, resulting from the completion of the boring by the drilling rig. The screened interval consisted of one-inch diameter 0.01-inch slotted PVC, positioned to straddle both the anticipated level of the water table and physical evidence of contamination, if applicable. Due to their temporary nature, the screened interval was not packed with sand and the upper extent of the wells were not sealed with bentonite. Groundwater was present at approximately four to five feet bgs.

Monitoring well construction logs are provided in **Appendix B**.

3.2.3.2. Well Development and Sampling

Due to the temporary nature of the wells, well development was not attempted. However, approximately three well volumes were removed prior to sampling to promote the infiltration of new groundwater through the well screen.

The samples were placed into glassware provided by the laboratory and put on ice in a cooler. A total of three groundwater samples were collected by C&S on October 4, 2022 and October 5, 2022 and submitted for USEPA TCL VOCs, SVOCs, and TAL metals analysis. The samples were analyzed by Eurofins TestAmerica of Amherst, New York.

4. RESULTS

4.1. Site Geology and Hydrogeology

4.1.1. Site Geology

Each soil sample retrieved from the Geoprobe® was observed for general soil type, estimated moisture content, and other pertinent features. The soils from borings were classified in the following simplified category:

<i>Description</i>	<i>Depth</i>
Asphalt or Topsoil: brown sand/silt/clay soils with some rock fragments	5-10 inches
Historic Fill Material: brown to black sand/silt/clay with pierces of brick, concrete or coal	1-4 feet
Dense Silty Clay: light brown dense clay	Underneath historic fill material to the end of the boring

4.1.2. Site Hydrogeology

Due to the presence of coarse-grained materials, the monitoring wells generally produce plentiful groundwater.

Groundwater elevations were not measured to create a groundwater gradient map. However, based on topography and the location of Scajaquada Creek and Niagara River to the west, it is likely that groundwater flow is to the west.

The following are the well depths and static water levels on the date of sampling:

<i>Well No.</i>	<i>Depth (ft bgs)</i>	<i>Static Water Level (ft)</i>
GWSB-3	15.0	5.8
GWSB-8	13.0	4.5
GWSB-10	13.0	5.0

Static water level was the level recorded at the time of sampling.

4.2. Field Screening Results

No petroleum-like odors or staining were observed in the borings.

Physical observations of impacts in the soil borings were limited to historic fill material (HFM) at the following locations and depths:

<i>Boring No.</i>	<i>Sample Interval (depth in feet)</i>							
	0'-2'	2'-4'	4'-6'	6'-8'	8'-10'	10'-12'	12'-14'	14'-16'
SB-1								
SB-2								
SB-3								
SB-4								
SB-5								
SB-6								
SB-7								
SB-8								
SB-9								
SB-10								
SB-11								
SB-12								
SB-13								
SB-14								

4.3. Laboratory Analytical Data

As discussed above, surface soil, subsurface soil, and groundwater were collected and analyzed. Summaries of the lab data as well as complete laboratory analytical reports are provided in **Appendix C**.

4.3.1. Soil Analytical Data

6 NYCRR Part 375-6, Remediation Program Soil Cleanup Objectives (SCO), effective December 14, 2006, includes SCOs that are based on protection of human health, groundwater, and ecological resources. The SCOs are based on the actual or intended site use.

The Unrestricted Use SCOs are considered to be representative of pre-release conditions unless an impact to ecological resources has been identified.

The Residential Use SCOs are intended for single family housing and requires the fewest restrictions on the use of the site. It allows only two restrictions: a groundwater use restriction and / or a prohibition against producing animal products for human consumption.

The Restricted Residential Use SCOs apply to land uses such as apartments, condominium, co-operative or other multi-family / common property control residential development. In addition to the restrictions for residential use, this use prohibits vegetable gardens, unless planted in gardens where the soil achieves the residential use soil cleanup objectives; and a prohibition of single-family housing. Restricted Residential use is the appropriate use category for day care or other child care facilities, elementary or secondary schools, or college or boarding school residential buildings. This use allows for active recreational uses, which includes recreational activities with a reasonable potential for soil contact.

The Commercial Use SCOs apply to businesses with the primary purpose of buying, selling or trading of merchandise or services.

The Industrial Use SCOs apply to businesses with the primary purpose of manufacturing goods for retail sale.

4.3.1.1. Surface Soil Analytical Data

Comparison of the surface soil analytical data indicates:

- VOCs were detected at concentrations greater than laboratory detection limits. However, the concentrations were below the corresponding Unrestricted Use SCOs.
- SVOCs, mainly PAHs, were detected in four of the five samples at concentrations exceeding multiple SCOs. The following SVOCs were detected:
 - Benzo(a)anthracene concentrations exceeded the Restricted Residential SCOs (1 ppm) at two locations. Concentrations ranged from 1.8 ppm to 2 ppm.
 - Benzo(a)pyrene concentrations exceeded the Industrial Use SCO (1.1 ppm) at two locations.
 - Benzo(b)fluoranthene exceeded the Restricted Residential Use SCO (1 ppm) in three locations. Concentrations ranged 1.3 ppm to 2.9 ppm.
 - Benzo(k)fluoranthene exceeded the Unrestricted Use SCO (0.8 ppm) in one location and Residential Use SCO (1 ppm) in one location. Concentrations ranged from 1 ppm to 1.4 ppm.
 - Chrysene concentrations exceeded the Residential Use SCO (1 ppm) in two locations. Concentrations ranged from 2.1 ppm to 2.3 ppm.
 - Dibenzo(a,h)anthracene exceeded the Restricted Residential Use SCO (0.33 ppm) in two locations. Concentrations ranged from 0.37 ppm to 0.43 ppm.
 - Indeno(1,2,3-cd)pyrene exceeded the Restricted Residential Use SCO (0.5 ppm) in four locations. Concentrations ranged from 0.63 ppm to 1.4 ppm.
- The following metals concentrations detected in the surface material exceeded SCOs:
 - Concentration of arsenic exceeded Industrial Use SCO (16 ppm) at SS-5 only (16.7 ppm).
 - Concentrations of lead exceeded Unrestricted Use SCO (63 ppm); at four locations ranging from 68.6 ppm to 127 ppm.
 - Concentration of mercury exceeded Unrestricted Use SCO (0.18 ppm) at SS-4 only (0.48 ppm).
 - Concentration of manganese exceeded Industrial Use SCO (10,000 ppm) at SS-5 only (20,400 ppm).

- Concentration of selenium exceeded Unrestricted Use SCO (3.9 ppm) at SS-5 only (7.1 ppm).
- Concentration of silver exceeded Unrestricted Use SCO (2 ppm) at SS-5 only (2.6 ppm).
- Concentration of zinc exceeded Unrestricted Use SCO (109 ppm) at SS-3 only (121 ppm)

4.3.1.2. Subsurface Soil Analytical Data

Comparison of the subsurface soil analytical data indicates:

- VOCs were detected in one of the ten samples at concentrations exceeding SCOs. The following VOCs were detected.
 - Concentrations of acetone exceeded the Unrestricted Use SCO (0.05 ppm) at SB-6 only (0.31 ppm)
- SVOCs were detected in two of the ten samples at concentrations exceeding SCOs. The following SVOCs were detected.
 - Concentrations of Indeno(1,2,3-cd)pyrene exceeded the Restricted Residential Use SCO (0.5 ppm) in two locations, SB-4 (.53 ppm) and SB-8 (1.2 ppm).
 - Benzo(a)anthracene concentrations exceeded the Restricted Residential SCOs (1 ppm) at SB-8 only (2.3 ppm).
 - Benzo(a)pyrene concentrations exceeded the Industrial Use SCOs (1.1 ppm) at SB-8 only (2.1 ppm).
 - Benzo(b)fluoranthene exceeded the Restricted Residential Use SCOs (1 ppm) at SB-8 only (2.6 ppm).
 - Benzo(k)fluoranthene exceeded the Unrestricted Use SCOs (0.8 ppm) at SB-8 only (1 ppm)
 - Chrysene concentrations exceeded the Residential Use SCO (1 ppm) at SB-8 only (2.3 ppm).
 - Dibenzo(a,h)anthracene exceeded the Restricted Residential Use SCOs (0.33ppm) at SB-8 only (0.4 ppm).
- The following metals concentrations detected in the subsurface material exceeded SCOs:
 - Concentrations of mercury exceeded Unrestricted Use SCO (0.18 ppm) at SB-6 only (0.28 ppm).
 - Concentrations of lead exceeded Unrestricted Use SCO (63 ppm) at four detections ranging from 102 ppm to 382 ppm.
 - Concentration of zinc exceeded Unrestricted Use SCO (109 ppm) at two locations, SB-6 (134 ppm) and SB-8 (131 ppm).

4.3.1.3. Groundwater Analytical Data

Technical and Operational Guidance Series 1.1.1 (TOGS 1.1.1) presents NYSDEC Division of Water ambient water quality standards and guidance values and groundwater effluent limitations. The authority for these values is derived from Article 17 of the Environmental Conservation Law and 6 NYCRR Parts 700-706, Water Quality Regulations. The groundwater analytical data generated from this Investigation was compared to TOGS 1.1.1 Part I ambient standards and guidance values. Part II of the document describes and lists groundwater effluent limitations.

Comparison of the groundwater analytical data to the TOGs 1.1.1 Class GA Ambient Water Quality Standards indicates:

- VOCs were detected at concentrations greater than laboratory detection limits. However, the concentrations were below the corresponding standards and guidance values.
- SVOCs were detected at concentrations greater than laboratory detection limits. However, the concentrations were below the corresponding standards and guidance values.
- Metals were detected in all three groundwater samples. The following metals concentrations detected in the groundwater exceeded corresponding standards and guidance values:
 - Concentrations of mercury exceeded groundwater standard values (.0007 mg/l) at two locations, GWSB-3 (.0010 mg/l) and GWSB-10 (.0025 mg/l).
 - Concentrations of antimony exceeded groundwater standard values (.003 mg/l) at GWSB-10 (.016mg/l) only.
 - Concentrations of Arsenic exceeded groundwater standard values (.025 mg/l) at two locations, GWSB-3 (.035 mg/l) and GWSB-10 (.11 mg/l)
 - Concentrations of Barium exceeded groundwater standard values (1mg/l) at GWSB-10 (2 mg/l) only.
 - Concentrations of Beryllium exceeded groundwater guidance values (.003 mg/l) at GWSB-10 (.012 mg/l) only.
 - Concentrations of Cadmium exceeded groundwater standard values (.005mg/l) at GWSB-10 (.0065 mg/l) only.

- Concentrations of Chromium exceeded groundwater standard values (.05 mg/l) at two locations, GWSB-3 (.066 mg/l) and GWSB-10 (.40 mg/l).
- Concentrations of Copper exceeded groundwater standard values (.2 mg/l) at GWSB-10 (.47 mg/l) only.
- Concentrations of Iron exceeded groundwater standard values (.3 mg/l) in all three groundwater samples ranging from (19.5 mg/l) to (333 mg/l).
- Concentrations of Lead exceeded groundwater standard values (.025 mg/l) in all three groundwater samples ranging from (.067 mg/l) to (1.4 mg/l)
- Concentrations of Magnesium exceeded groundwater guidance values (35 mg/l) in all three groundwater samples ranging from (37.4 mg/l) to (209 mg/l).
- Concentrations of Manganese exceeded groundwater standard values (0.3 mg/l) in all three groundwater samples ranging from (0.99 mg/l) to (7.6 mg/l).
- Concentrations of Nickel exceeded groundwater standard values (0.1 mg/l) at GWSB-10 (0.48 mg/l) only.
- Concentrations of Selenium exceeded groundwater standard values (0.01 mg/l) at GWSB-10 (0.017 mg/l) only.
- Concentrations of Sodium exceeded groundwater standard values (20 mg/l) in all three groundwater samples ranging from (55.7 mg/l) to (321 mg/l).

The locations of the groundwater wells are shown on **Figure 3**.

Summaries of the laboratory data and laboratory analytical reports for the media sampled are provided in **Appendix D**.

5. DISCUSSION AND CONCLUSIONS

At the request of Evergreen Health Services, C&S Engineers, Inc. (C&S) has prepared this Phase II Environmental Site Assessment (Phase II or Investigation) Report of the Kensington and Bailey Properties located at 1096, 1098, and 1102 Kensington Avenue and 3074 Bailey Avenue (Site). The location of the Site is shown on **Figure 1**.

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- A surface soil investigation, which included sampling five locations across the Subject Property. Surface samples were then observed for the potential of any historical fill materials across the site and analyzed for NYSDEC part 375 VOCs, SVOCs, and metals.
- A subsurface investigation, which included the advancement of 14 soil borings across the site. Ten soil samples were collected from the borings and analyzed for NYSDEC part 375 VOCs, SVOCs, and metals.
- The installation of temporary groundwater monitoring wells near areas of environmental concern. Groundwater was sampled and analyzed for VOCs, SVOCs, and metals.

C&S' Investigation of the Site was conducted on October 3, 2022 and October 4, 2022. The following summarizes and discusses the results of this Investigation.

5.1. Findings

Surface Soil

Five surface soil samples were collected across the Subject Property. No VOCs were detected in the samples collected that exceeded Unrestricted Use SCOs. SVOCs were detected in four of the five surface soil samples collected. SVOCs exceeded levels for Unrestricted, Restricted Residential, and Industrial Use SCOS. Metals were detected in four of the five samples collected and exceeded levels for Unrestricted and Industrial Use SCOs.

Subsurface Investigation

Fourteen subsurface soil borings were carried out across the Subject Property and ten subsurface soil samples were collected at various depths. One of the ten samples had exceedances for VOCs that were above Unrestricted Use SCOs. SVOCs were detected in two of the ten subsurface samples. The SVOCs exceeded Unrestricted, Restricted Residential, and Industrial Use SCOs. Metals were detected in four of the ten samples collected and exceeded Unrestricted Use SCOs for multiple analytes.

Groundwater

Three temporary groundwater monitoring wells were installed across the site in three of the fourteen previously drilled soil borings. VOCs and SVOCs were detected at concentrations greater than laboratory detection limits. However, the concentrations were below TOGS 1.1.1 Part I ambient standards and guidance values. Metals were detected in all three groundwater samples and exceeded NYS standards and guidance values for multiple analytes.

5.2. Recommendations

Based on the observation of historical fill across the site and the results of the investigation, indicating multiple analytes exceeding SCOs and guidance values in soil and groundwater. However, these concentrations do not suggest significant contamination relating to past use of the Site or nearby properties. The elevated concentrations of analytes appear to be related to the presence of the historic fill materials. As such, no regulatory-related cleanup appears to be required at the Site. However, based on the results of this assessment, the Site appears to be a suitable candidate for application into the NSYDEC Brownfield Cleanup Program (BCP).

Environmental Professional Statement and Qualifications

To the best of our professional knowledge and belief, C&S meets the definition of "environmental professional" as defined in §312.10 of 40 CFR 312.

We have the specific qualifications based on education, training, and experience to assess the nature, history, and setting of the Site. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Author's Signature:

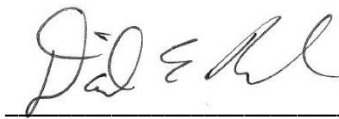
A handwritten signature in blue ink, appearing to read "Cody A. Martin", written over a horizontal line.

Cody Martin

October 2022

Project Environmental Scientist

Project Manager's
Signature:

A handwritten signature in black ink, appearing to read "Daniel E. Riker", written over a horizontal line.

Daniel E. Riker, P.G.

October 2022

Department Manager Environmental
Services

FIGURES

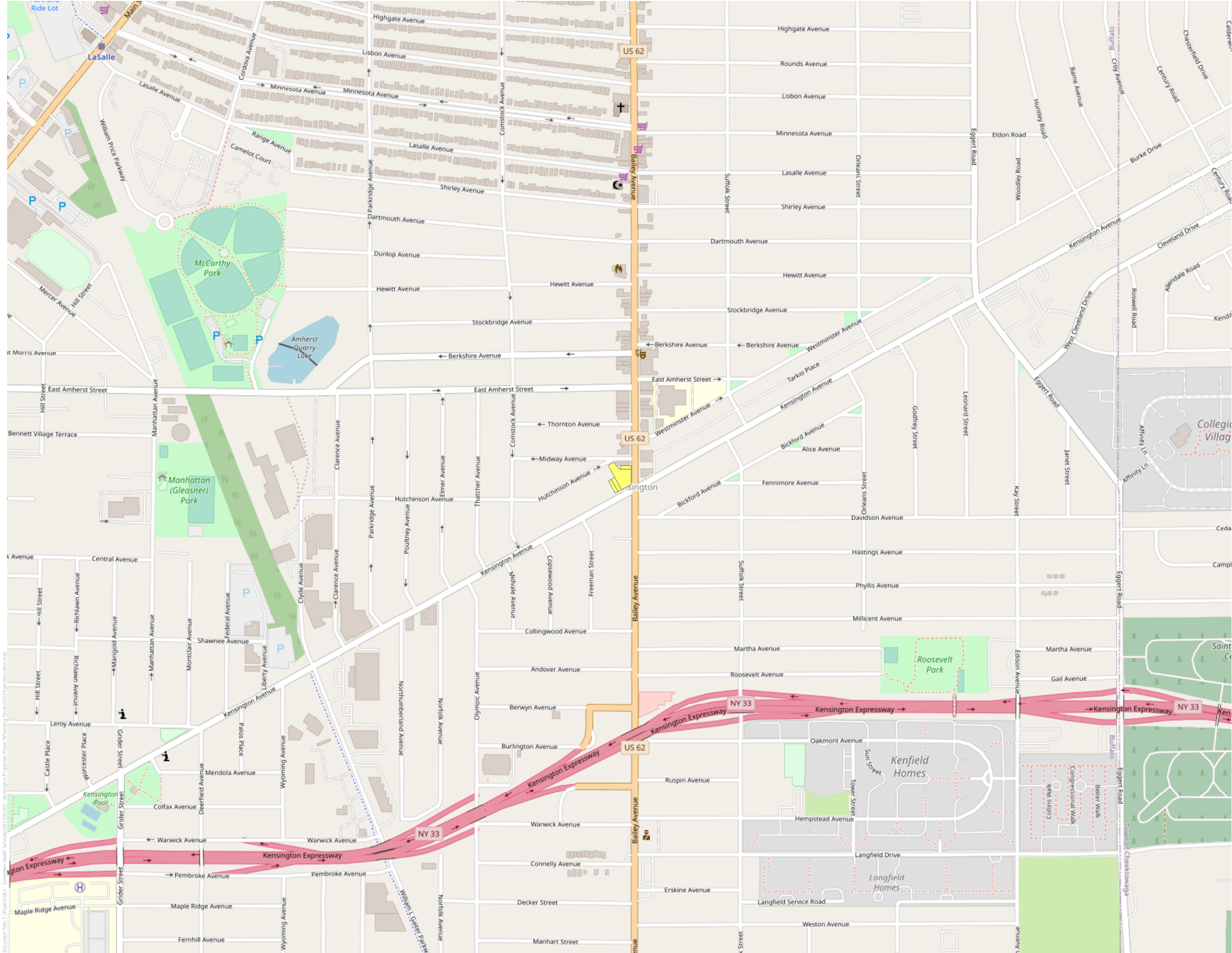
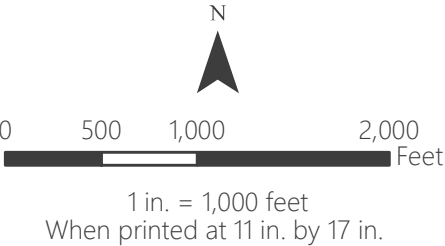


Figure 1
Project Location

Property Boundary (Site)



Phase II Environmental Site Assessment
Kensington and Bailey Avenue
Properties

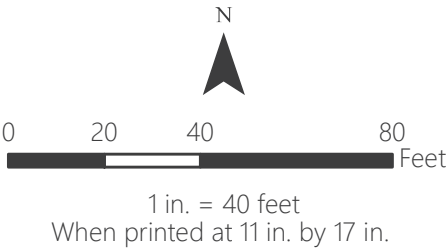
Sources: . Created by C&S Engineers, Inc.



Figure 2

Soil Sampling

-  Property Boundary (Site)
-  Subsurface Boring Location
-  Surface Soil Location



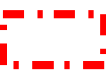
Phase II Environmental Site Assessment
Kensington and Bailey Avenue
Properties

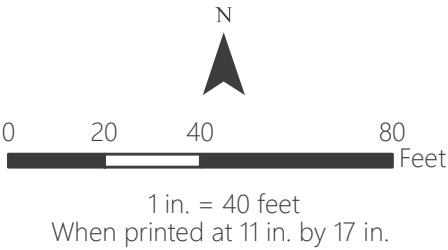
Sources: . Created by C&S Engineers, Inc.



Figure 3

Well Location

-  Property Boundary (Site)
-  Temporary Monitoring Well



Phase II Environmental Site Assessment
Kensington and Bailey Avenue
Properties

Sources: . Created by C&S Engineers, Inc.

TABLES

Table 1



Location ID						SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-04	SS-04	SS-05	SS-05
Sample Depth															
Date Sampled	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial Use	Industrial Use	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022
Sample Matrix						SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Units						mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg
VOCs															
Acetone	50	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		4.7 Jvs
Benzene	60	2900	4800	44000	89000		ND vs		ND vs		ND vs		ND vs		ND vs
Bromodichloromethane							ND vs		ND vs		ND vs		ND vs		ND vs
Bromoform							ND vs		ND vs		ND vs		ND vs		ND vs
Bromomethane							ND vs		ND vs		ND vs		ND vs		ND vs
2-Butanone (MEK)	120	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		4.2 Jvs
Carbon disulfide							ND vs		ND vs		ND vs		ND vs		ND vs
Carbon tetrachloride	760	1400	2400	22000	44000		ND vs		ND vs		ND vs		ND vs		ND vs
Chlorobenzene	1100	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
Chloroethane							ND vs		ND vs		ND vs		ND vs		ND vs
Chloroform	370	10000	49000	350000	700000		0.64 JBvs		0.64 JBvs		0.50 JBvs		0.65 JBvs		0.53 JBvs
Chloromethane							ND vs		ND vs		ND vs		ND vs		ND vs
cis-1,2-Dichloroethene	250	59000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
cis-1,3-Dichloropropene							ND vs		ND vs		ND vs		ND vs		ND vs
Cyclohexane							ND vs		ND vs		ND vs		ND vs		ND vs
Dibromochloromethane							ND vs		ND vs		ND vs		ND vs		ND vs
1,2-Dibromo-3-Chloropropane							ND vs		ND vs		ND vs		ND vs		ND vs
1,2-Dibromoethane							ND vs		ND vs		ND vs		ND vs		ND vs
1,2-Dichlorobenzene	1100	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
1,3-Dichlorobenzene	2400	17000	49000	280000	560000		ND vs		ND vs		ND vs		ND vs		ND vs
1,4-Dichlorobenzene	1800	9800	13000	130000	250000		ND vs		ND vs		ND vs		ND vs		ND vs
Dichlorodifluoromethane							ND vs		ND vs		ND vs		ND vs		ND vs
1,1-Dichloroethane	270	19000	26000	240000	480000		ND vs		ND vs		ND vs		ND vs		ND vs
1,2-Dichloroethane		2300	3100	30000	60000		ND vs		ND vs		ND vs		ND vs		ND vs
1,1-Dichloroethene	330	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
1,2-Dichloropropane							ND vs		ND vs		ND vs		ND vs		ND vs
Ethylbenzene	1000	30000	41000	390000	780000		ND vs		ND vs		ND vs		ND vs		ND vs
2-Hexanone							ND vs		ND vs		ND vs		ND vs		ND vs
Isopropylbenzene							ND vs		ND vs		ND vs		ND vs		ND vs
Methyl acetate							ND vs		ND vs		ND vs		ND vs		ND vs
Methylcyclohexane							ND vs		ND vs		ND vs		ND vs		ND vs
Methylene Chloride	50	51000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
4-Methyl-2-pentanone (MIBK)							ND vs		ND vs		ND vs		ND vs		ND vs
Methyl tert-butyl ether	930	62000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs

Table 1



Location ID	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial Use	Industrial Use	SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-04	SS-04	SS-05	SS-05
Sample Depth															
Date Sampled						09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022
Sample Matrix						SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Units						mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg
Styrene							ND vs		ND vs		ND vs		ND vs		ND vs
1,1,2,2-Tetrachloroethane							ND vs		ND vs		ND vs		ND vs		ND vs
Tetrachloroethene	1300	5500	19000	150000	300000		ND vs		ND vs		ND vs		ND vs		ND vs
Toluene	700	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
trans-1,2-Dichloroethene	190	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
trans-1,3-Dichloropropene							ND vs		ND vs		ND vs		ND vs		ND vs
1,2,4-Trichlorobenzene							ND vs		ND vs		ND vs		ND vs		ND vs
1,1,1-Trichloroethane	680	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
1,1,2-Trichloroethane							ND vs		ND vs		ND vs		ND vs		ND vs
Trichloroethene	470	10000	21000	200000	400000		ND vs		ND vs		ND vs		ND vs		ND vs
Trichlorofluoromethane							ND vs		ND vs		ND vs		ND vs		ND vs
1,1,2-Trichloro-1,2,2-trifluoroethane							ND vs		ND vs		ND vs		ND vs		ND vs
Vinyl chloride	20	210	900	13000	27000		ND vs		ND vs		ND vs		ND vs		ND vs
Xylenes, Total	260	100000	100000	500000	1000000		ND vs		ND vs		ND vs		ND vs		ND vs
SVOCs															
Acenaphthene	20000	100000	100000	500000	1000000		ND		ND		180 J		ND		ND
Acenaphthylene	100000	100000	100000	500000	1000000		ND		ND		140 J		ND		ND
Acetophenone							ND		ND		ND		ND		ND
Anthracene	100000	100000	100000	500000	1000000		ND		ND		510 J		ND		ND
Atrazine							ND		ND		ND		ND		ND
Benzaldehyde							ND		ND		ND		ND		ND
Benzo[a]anthracene	1000	1000	1000	5600	11000		630 J		160 J		1800		750 J		2000
Benzo[a]pyrene	1000	1000	1000	1000	1100		830 J		170 J		2200		990		2200
Benzo[b]fluoranthene	1000	1000	1000	5600	11000		1000		220 J		2900		1300		2400
Benzo[g,h,i]perylene	100000	100000	100000	500000	1000000		660 J		130 J		1400		680 J		1100 J
Benzo[k]fluoranthene	800	1000	3900	56000	110000		490 J		ND		1000		480 J		1400 J
Biphenyl							ND		ND		ND		ND		ND
Bis(2-chloroethoxy)methane							ND		ND		ND		ND		ND
Bis(2-chloroethyl)ether							ND		ND		ND		ND		ND
bis (2-chloroisopropyl) ether							ND		ND		ND		ND		ND
Bis(2-ethylhexyl) phthalate							ND		ND		ND		ND		ND
4-Bromophenyl phenyl ether							ND		ND		ND		ND		ND
Butyl benzyl phthalate							ND		ND		ND		ND		ND
Caprolactam							ND		ND		ND		ND		ND
Carbazole							ND		ND		470 J		ND		220 J

Table 1



Location ID						SS-01	SS-01	SS-02	SS-02	SS-03	SS-03	SS-04	SS-04	SS-05	SS-05
Sample Depth															
Date Sampled	Unrestricted Use	Residential Use	Restricted Residential Use	Commercial Use	Industrial Use	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022	09/14/2022
Sample Matrix						SO	SO	SO	SO	SO	SO	SO	SO	SO	SO
Units						mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg
4-Chloroaniline							ND		ND		ND		ND		ND
4-Chloro-3-methylphenol							ND		ND		ND		ND		ND
2-Chloronaphthalene							ND		ND		ND		ND		ND
2-Chlorophenol							ND		ND		ND		ND		ND
4-Chlorophenyl phenyl ether							ND		ND		ND		ND		ND
Chrysene	1000	1000	3900	56000	110000	800	J		ND		2300		990		2100
Dibenz(a,h)anthracene	330	330	330	560	1100		ND		ND		430	J	190	J	370
Dibenzofuran	7000	14000	59000	350000	1000000		ND		ND		130	J	ND		ND
3,3'-Dichlorobenzidine							ND		ND		ND		ND		ND
2,4-Dichlorophenol							ND		ND		ND		ND		ND
Diethyl phthalate							ND		370	JB	ND		140	JB	ND
2,4-Dimethylphenol							ND		ND		ND		ND		ND
Dimethyl phthalate							ND		ND		ND		ND		ND
Di-n-butyl phthalate							ND		ND		ND		ND		ND
4,6-Dinitro-2-methylphenol							ND		ND		ND		ND		ND
2,4-Dinitrophenol							ND		ND		ND		ND		ND
2,4-Dinitrotoluene							ND		ND		ND		ND		ND
2,6-Dinitrotoluene							ND		ND		ND		ND		ND
Di-n-octyl phthalate							ND		ND		ND		ND		ND
Fluoranthene	100000	100000	100000	500000	1000000	1400			270	J	6000		1900		4100
Fluorene	30000	100000	100000	500000	1000000		ND		ND		230	J	ND		ND
Hexachlorobenzene	330	330	1200	6000	12000		ND		ND		ND		ND		ND
Hexachlorobutadiene							ND		ND		ND		ND		ND
Hexachlorocyclopentadiene							ND		ND		ND		ND		ND
Hexachloroethane							ND		ND		ND		ND		ND
Indeno[1,2,3-cd]pyrene	500	500	500	5600	11000		630	J		ND		1400		630	J
Isophorone							ND		ND		ND		ND		ND
2-Methylnaphthalene							ND		ND		ND		ND		ND
2-Methylphenol	330	100000	100000	500000	1000000		ND		ND		ND		ND		ND
4-Methylphenol	330	34000	100000	500000	1000000		ND		ND		ND		ND		ND
Naphthalene	12000	100000	100000	500000	1000000		ND		ND		ND		ND		ND
2-Nitroaniline							ND		ND		ND		ND		ND
3-Nitroaniline							ND		ND		ND		ND		ND
4-Nitroaniline							ND		ND		ND		ND		ND
Nitrobenzene							ND		ND		ND		ND		ND

Table 2

Kensington Bailey Properties
Phase II ESA
Subsurface Soils



Location ID						SB-1 3 ft.	SB-1 3 ft.	SB-2 5 ft.	SB-2 5 ft.	SB-4 4 ft.	SB-4 4 ft.	SB-6 3 ft.	SB-6 3 ft.	SB-7 10 ft.	SB-7 10 ft.	SB-8 6 ft.	SB-8 6 ft.	SB-9 5 ft.	SB-9 5 ft.	SB-11 10 ft.	SB-11 10 ft.	SB-12 3 ft.	SB-12 3 ft.	SB-14 7 ft.	SB-14 7 ft.	
Sample Depth						10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/03/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022	10/04/2022		
Sample Matrix						SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	SO	
Units						mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	mg/kg	ug/kg	
VOCs																										
Acetone	50	100000	100000	500000	1000000	ND vs		6.0 Jvs		5.7 Jvs		310 vs		ND vs		13 Jvs		ND vs		11 Jvs		ND vs		ND vs		
Benzene	60	2900	4800	44000	89000	ND vs		ND vs		0.45 Jvs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Bromodichloromethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Bromoform						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Bromomethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
2-Butanone (MEK)	120	100000	100000	500000	1000000	ND vs		ND vs		2.7 Jvs		57 vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Carbon disulfide						ND vs		ND vs		ND vs		13 vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Carbon tetrachloride	760	1400	2400	22000	44000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Chlorobenzene	1100	100000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Chloroethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Chloroform	370	10000	49000	350000	700000	ND vs		0.35 Jvs		0.35 Jvs		ND vs		ND vs		0.38 Jvs		ND vs		ND vs		0.40 Jvs		0.37 Jvs		
Chloromethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
cis-1,2-Dichloroethene	250	59000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
cis-1,3-Dichloropropene						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Cyclohexane						ND vs		ND vs		2.0 Jvs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Dibromochloromethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,2-Dibromo-3-Chloropropane						ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
1,2-Dibromoethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,2-Dichlorobenzene	1100	100000	100000	500000	1000000	ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
1,3-Dichlorobenzene	2400	17000	49000	280000	560000	ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
1,4-Dichlorobenzene	1800	9800	13000	130000	250000	ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
Dichlorodifluoromethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,1-Dichloroethane	270	19000	26000	240000	480000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,2-Dichloroethane		2300	3100	30000	60000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,1-Dichloroethene	330	100000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,2-Dichloropropane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Ethylbenzene	1000	30000	41000	390000	780000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
2-Hexanone						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Isopropylbenzene						ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
Methyl acetate						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Methylcyclohexane						ND vs		ND vs		2.2 Jvs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Methylene Chloride	50	51000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
4-Methyl-2-pentanone (MIBK)						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Methyl tert-butyl ether	930	62000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Styrene						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,1,2,2-Tetrachloroethane						ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
Tetrachloroethene	1300	5500	19000	150000	300000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Toluene	700	100000	100000	500000	1000000	ND vs		ND vs		0.65 Jvs		0.46 Jvs		ND vs		0.56 Jvs		ND vs		ND vs		ND vs		ND vs		
trans-1,2-Dichloroethene	190	100000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
trans-1,3-Dichloropropene						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,2,4-Trichlorobenzene						ND vs		ND vs		ND vs		ND *3 vs		ND vs		ND vs		ND vs		ND vs		ND *3 v		ND vs		
1,1,1-Trichloroethane	680	100000	100000	500000	1000000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,1,2-Trichloroethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Trichloroethene	470	10000	21000	200000	400000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Trichlorofluoromethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
1,1,2-Trichloro-1,2,2-trifluoroethane						ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Vinyl chloride	20	210	900	13000	27000	ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
Xylenes, Total	260	100000	100000	500000	1000000	ND vs		ND vs		1.1 Jvs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		ND vs		
SVOCs																										
Acenaphthene	20000	100000	100000	500000	1000000	ND		ND		ND		280		ND		ND		ND		ND		ND		ND		
Acenaphthylene	100000	100000	100000	500000	1000000	ND F2		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Acetophenone						ND F2		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Anthracene	100000	100000	100000	500000	1000000	ND		ND		ND		790		ND		650 J		ND		ND		ND		ND		
Atrazine						ND F2		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Benzaldehyde						ND F2		ND		ND		ND		ND		ND		ND		ND		ND		ND		
Benzo[a]anthracene	1000	1000	1000	5600	11000	35 J		310 J		570 J		680		ND		2300		ND		ND		140 J		20 J		

Table 3

Kensington Bailey Properties
Phase II ESA
Groundwater Results



Location ID			GWSB-3	GWSB-3	GWSB-8	GWSB-8	GWSB-10	GWSB-10
Date Sampled	NY-TOGs GA-WtrClass GuidValues	NY-TOGs GA-WtrClass StdValues	10/04/2022	10/04/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Sample Matrix			Water	Water	Water	Water	Water	Water
Units			mg/l	ug/l	mg/l	ug/l	mg/l	ug/l
VOCs								
Acetone	50		6.5	J	18		21	
Benzene		1	ND		0.45	J	ND	
Bromodichloromethane	50		ND		ND		ND	
Bromoform	50		ND		ND		ND	
Bromomethane		5	ND		ND		ND	
2-Butanone (MEK)	50		ND		2.3	J	4.4	J
Carbon disulfide	60		ND		0.54	J	ND	
Carbon tetrachloride		5	ND		ND		ND	
Chlorobenzene		5	ND		ND		ND	
Chloroethane		5	ND		ND		ND	
Chloroform		7	ND		ND		ND	
Chloromethane		5	ND		ND		ND	
cis-1,2-Dichloroethene		5	ND		ND		ND	
cis-1,3-Dichloropropene			ND		ND		ND	
Cyclohexane			ND		ND		ND	
Dibromochloromethane	50		ND		ND		ND	
1,2-Dibromo-3-Chloropropane		0.04	ND		ND		ND	
1,2-Dibromoethane		0.0006	ND		ND		ND	
1,2-Dichlorobenzene		3	ND		ND		ND	
1,3-Dichlorobenzene		3	ND		ND		ND	
1,4-Dichlorobenzene		3	ND		ND		ND	
Dichlorodifluoromethane		5	ND		ND		ND	
1,1-Dichloroethane		5	ND		ND		ND	
1,2-Dichloroethane		0.6	ND		ND		ND	
1,1-Dichloroethene		5	ND		ND		ND	
1,2-Dichloropropane		5	ND		ND		ND	
Ethylbenzene		5	ND		ND		ND	
2-Hexanone	50		ND		ND		ND	
Isopropylbenzene		5	ND		ND		ND	
Methyl acetate			ND		ND		ND	

Table 3

Kensington Bailey Properties
Phase II ESA
Groundwater Results



Location ID	NY-TOGs GA-WtrClass GuidValues	NY-TOGs GA-WtrClass StdValues	GWSB-3	GWSB-3	GWSB-8	GWSB-8	GWSB-10	GWSB-10
Date Sampled			10/04/2022	10/04/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Sample Matrix			Water	Water	Water	Water	Water	Water
Units			mg/l	ug/l	mg/l	ug/l	mg/l	ug/l
Methylcyclohexane			0.29 J			ND		ND
Methylene Chloride	5			ND		ND		ND
4-Methyl-2-pentanone (MIBK)				ND		ND		ND
Methyl tert-butyl ether	10			ND		ND		ND
Styrene	5			ND		ND		ND
1,1,2,2-Tetrachloroethane	5			ND		ND		ND
Tetrachloroethene	5			ND		ND		ND
Toluene	5			ND		ND		ND
trans-1,2-Dichloroethene	5			ND		ND		ND
trans-1,3-Dichloropropene				ND		ND		ND
1,2,4-Trichlorobenzene	5			ND		ND		ND
1,1,1-Trichloroethane	5			ND		ND		ND
1,1,2-Trichloroethane	1			ND		ND		ND
Trichloroethene	5			ND		ND		ND
Trichlorofluoromethane	5			ND		ND		ND
1,1,2-Trichloro-1,2,2-trifluoroethane	5			ND		ND		ND
Vinyl chloride	2			ND		ND		ND
Xylenes, Total				ND		ND		ND
SVOCs								
Acenaphthene	20			ND		0.62 J		ND
Acenaphthylene				ND		ND		ND
Acetophenone				ND		ND		ND
Anthracene	50			ND		ND		ND
Atrazine		7.5		ND		ND		ND
Benzaldehyde				ND		24		ND
Benzo(a)anthracene	0.002			ND		ND		ND
Benzo(a)pyrene				ND		ND		ND
Benzo(b)fluoranthene	0.002			ND		ND		ND
Benzo(g,h,i)perylene				ND		ND		ND
Benzo(k)fluoranthene	0.002			ND		ND		ND

Table 3

Kensington Bailey Properties
Phase II ESA
Groundwater Results



Location ID	NY-TOGs GA-WtrClass GuidValues	NY-TOGs GA-WtrClass StdValues	GWSB-3	GWSB-3	GWSB-8	GWSB-8	GWSB-10	GWSB-10
Date Sampled			10/04/2022	10/04/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Sample Matrix			Water	Water	Water	Water	Water	Water
Units			mg/l	ug/l	mg/l	ug/l	mg/l	ug/l
Biphenyl		5		ND		ND		ND
Bis(2-chloroethoxy)methane		5		ND		ND		ND
Bis(2-chloroethyl)ether		1		ND		ND		ND
bis (2-chloroisopropyl) ether		5		ND		ND		ND
Bis(2-ethylhexyl) phthalate		5		ND		ND		ND
4-Bromophenyl phenyl ether				ND		ND		ND
Butyl benzyl phthalate	50			ND		ND		ND
Caprolactam				ND		ND		ND
Carbazole				ND	*+	ND	*+	ND
4-Chloroaniline		5		ND		ND		ND
4-Chloro-3-methylphenol				ND		ND		ND
2-Chloronaphthalene	10			ND		ND		ND
2-Chlorophenol				ND		ND		ND
4-Chlorophenyl phenyl ether				ND		ND		ND
Chrysene	0.002			ND		ND		ND
Dibenz(a,h)anthracene				ND		ND		ND
Dibenzofuran				ND		ND		ND
3,3'-Dichlorobenzidine		5		ND		ND		ND
2,4-Dichlorophenol		5		ND		ND		ND
Diethyl phthalate	50			15 JB		13 B		12 B
2,4-Dimethylphenol				ND		0.65 J		ND
Dimethyl phthalate	50			ND		ND		ND
Di-n-butyl phthalate		50		ND		ND		ND
4,6-Dinitro-2-methylphenol				ND		ND		ND
2,4-Dinitrophenol				ND		ND		ND
2,4-Dinitrotoluene		5		ND		ND		ND
2,6-Dinitrotoluene		5		ND		ND		ND
Di-n-octyl phthalate	50			ND		ND		ND
Fluoranthene	50			ND		ND		ND
Fluorene	50			ND		ND		ND

Table 3

Kensington Bailey Properties
Phase II ESA
Groundwater Results



Location ID			GWSB-3	GWSB-3	GWSB-8	GWSB-8	GWSB-10	GWSB-10
Date Sampled	NY-TOGs GA-WtrClass GuidValues	NY-TOGs GA-WtrClass StdValues	10/04/2022	10/04/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Sample Matrix			Water	Water	Water	Water	Water	Water
Units			mg/l	ug/l	mg/l	ug/l	mg/l	ug/l
Hexachlorobenzene		0.04		ND		ND		ND
Hexachlorobutadiene		0.5		ND		ND		ND
Hexachlorocyclopentadiene		5		ND		ND		ND
Hexachloroethane		5		ND		ND		ND
Indeno(1,2,3-cd)pyrene	0.002			ND		ND		ND
Isophorone	50			ND		ND		ND
2-Methylnaphthalene				ND		ND		ND
2-Methylphenol				ND		1.3 J		ND
4-Methylphenol				ND		7.0 J		ND
Naphthalene	10			ND		0.77 J		ND
2-Nitroaniline		5		ND		ND		ND
3-Nitroaniline		5		ND		ND		ND
4-Nitroaniline		5		ND	*+	ND		ND
Nitrobenzene		0.4		ND		ND		ND
2-Nitrophenol				ND		ND		ND
4-Nitrophenol				ND		ND		ND
N-Nitrosodi-n-propylamine				ND		ND		ND
N-Nitrosodiphenylamine	50			ND		ND		ND
Pentachlorophenol				ND		ND		ND
Phenanthrene	50			ND		0.63 J		ND
Phenol				ND		16		ND
Pyrene	50			ND		ND		ND
2,4,5-Trichlorophenol				ND		ND		ND
2,4,6-Trichlorophenol				ND		ND		ND
Metals								
Aluminum			38.1		16.2		309	
Mercury	0.0007		0.0010		ND		0.0025 J	
Antimony		0.003	ND		ND		0.016 J	
Arsenic		0.025	0.035		0.0095 J		0.11	
Barium		1	0.38		0.18		2.0	
Beryllium	0.003		0.0026		0.00080 J		0.012	

Table 3

Kensington Bailey Properties Phase II ESA Groundwater Results



Location ID			GWSB-3	GWSB-3	GWSB-8	GWSB-8	GWSB-10	GWSB-10
Date Sampled			10/04/2022	10/04/2022	10/05/2022	10/05/2022	10/05/2022	10/05/2022
Sample Matrix			Water	Water	Water	Water	Water	Water
Units			mg/l	ug/l	mg/l	ug/l	mg/l	ug/l
Cadmium		0.005	0.0023		0.00094	J	0.0065	
Calcium			191		203		723	
Chromium		0.05	0.066		0.041		0.40	
Cobalt			0.022		0.0084		0.18	
Copper		0.2	0.081		0.055		0.47	
Iron		0.3	63.2		19.5		333	
Lead		0.025	0.25		0.067		1.4	
Magnesium	35		48.6		37.4		209	
Manganese		0.3	1.5	B	0.99	B	7.6	B
Nickel		0.1	0.059		0.033		0.48	
Potassium			15.3		47.2		71.4	
Selenium		0.01	ND		ND		0.017	J
Silver		0.05	ND		ND		ND	
Sodium		20	55.7		67.3		321	
Thallium	0.0005		ND		ND		ND	
Vanadium			0.088		0.063		0.56	
Zinc	2		1.1		0.16		1.9	
ND indicates analyte was not detected.								
Blank space indicates analyte was not analyzed for in that sample.								
*+ - LCS and/or LCSD is outside acceptance limits, high biased.								
B - Compound was found in the blank and sample.								
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.								

APPENDICES

Appendix A

Soil Boring Logs



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BORING LOG

Boring No. **SB-1**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/3/22**

Finish Date:

Inspector: **RB**

Project Name: **EVERGREEN**
Location: **KENSINGTON T BAILLY**
Client:
Drilling Firm: **MATRIX**

Groundwater	Depth	Date & Time	Drill Rig:	Rock Core:	Undist:
While Drilling:		8:30	Casing:		
Before Casing Removal:			Sampler:	Other:	
After Casing Removal:			Hammer:		

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse m - medium f - fine S - Sand, \$ - Silt, G - Gravel, C - Clay, cly - clayey	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-10" red/ashphalt fill material	0.2 ppm
2				10"-20" fill material	
3					
4				20"-60" light brown dense clay some red throughout	0.4 ppm
5					
6				0"-5" pebbles	0.1 ppm
7				5"-30" dense light brown clay red throughout	
8				30"-40" large grey gravel / fill	0.2 ppm
9				40"-60" light brown dense silty clay	
10					
11					0.0 ppm
12				0"-60" very dense brown silty clay	
13					
14					0.0 ppm
15					
16				END OF BORING AT 15'	
17				* SAMPLE COLLECTED AT 3'	
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No. **SB-2**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/3/22**

Finish Date:

Inspector: **RB**

Project Name: **Rivergreen**

Location: **Kensington & Bailey**

Client:

Drilling Firm: **Narmy**

Groundwater	Depth	Date & Time	Drill Rig: Geoprobe	Rock Core:	Undist:
While Drilling:		9:40	Casing:		
Before Casing Removal:			Sampler:	Other:	
After Casing Removal:			Hammer:		

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
				c - coarse m - medium f - fine S - Sand, \$ - Silt, G - Gravel, C - Clay, cly - clayey	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%
					(e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-10" Topsoil / Gravel	0.1 ppm
2				10"-25" Fill natural Gravel throughout	
3					
4				25"-60" Light Brown Dense Clay Gravel throughout	0.1 ppm
6				0"-5" FILL	0.2 ppm
7					
8				5"-60" DENSE Light Brown Clay w/ Gravel throughout.	
9					0.1 ppm
10					
11					
12				0"-36" Dense Light Brown Silty Clay	0.0 ppm
13					
14				END BORING AT 13'	
15				*SAMPLE COLLECTED AT 5'	
16					
17					
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No.

SB-3

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date:

10/3/22

Finish Date:

Inspector:

RB

Project Name:

Evergreen

Location:

Kewauwau + Bailey

Client:

Drilling Firm:

Matrix

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

10/10

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION		COMMENTS
				c - coarse m - medium f - fine	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	(e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				S - Sand, \$ - Silt, G - Gravel, C - Clay, cly - clayey		
1				0'-5" rps. / Gravel		0.1 ppm
2				5"-20" Gravel / Fill Material		
3						
4				20"-60" DENSE DARK BROWN CLAY w/ GRAVEL Throughout.		0.1 ppm
5						
6				0"-5" Pebb		0.1 ppm
7						
8				5"-60" DENSE DARK BROWN SILTY CLAY w/ LARGE GRAVEL		
9						
10						0.1 ppm
11						
12				0"-36" DARK BROWN DENSE CLAY w/Gravel Throughout		0.2 ppm
13						
14				Drilling Ended AT 13'		
15				& NO SAMPLE COLLECTED FROM SB-3		
16				& Temporary well was installed in SB-3		
17						
18						
19						
20						
21						
22						
23						



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BORING LOG

Boring No. **SB-4**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/3/22**

Finish Date:

Inspector: **PA**

Project Name: **Evergreen**
Location: **Kensington + Bailey**
Client:

Drilling Firm: **MATRIX**

Groundwater Depth Date & Time Drill Rig:

While Drilling: **10:50** Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N = No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
				c - coarse m - medium f - fine a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	(e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-10" TOPSOIL VEGETATION GRAVEL	0.1 ppm
2				10"-55" FILL MATERIAL LARGE ANGULAR GRAVEL	
3					
4				55"-60" DENSE LIGHT BROWN CLAY	0.2 ppm
5					
6					
7					
8				0"-60" DENSE LIGHT BROWN SILTY CLAY	0.1 ppm
9					
10					
11				0"-36" LIGHT BROWN SILTY CLAY w/ GRAVEL THROUGHOUT	0.0 ppm
12					
13					
14				END OF BORING AT 13'	
15				* SAMPLE COLLECTED AT 4'	
16					
17					
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No. **SB-5**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/3/22**

Finish Date:

Inspector: **RA**

Project Name: **EVERGREEN**

Location: **KENSINGTON + BAYVIEW**

Client:

Drilling Firm: **MATRIX**

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

11:20

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N - No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
				c - coarse m - medium f - fine a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	(e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0'-5" Recessed VEGETATION GRAVEL	
2				5'-15" ANGULAR GRAVEL FILL	0.1 ppm
3					
4				15'-60" DENSE LIGHT BROWN CLAY/GRANUL	
5				Throughout.	0.2 ppm
6				0'-20" LIGHT BROWN DENSE CLAY w/ GRANUL	
7				FILL	
8					0.3 ppm
9				20'-60" LIGHT BROWN MOST DENSE CLAY.	
10					
11				0' - 36" MOST LIGHT BROWN SILTY CLAY	0.2 ppm
12					
13					
14					
15				NO SAMPLE COLLECTED FROM SB-5	
16					
17					
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No. **SB-6**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/3/22**

Finish Date:

Inspector: **RS**

Project Name: **Evergreen**

Location: **Kensington Bailey**

Client:

Drilling Firm: **MATIN**

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

12:00

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
				c - coarse m - medium f - fine a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10% S - Sand, \$ - Silt, G - Gravel, C - Clay, clay - clayey	(e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-5" TOPSOIL ASPHALT	0.2 ppm
2				5"-15" BLACK FILL MATERIAL GRAVEL	
4				15"-60" DENSE LIGHT BROWN CLAY w/ GRAVEL THROUGHOUT.	0.2 ppm
5					
6					
7					
8				0"-60" MOIST DENSE LIGHT BROWN SILTY CLAY	0.0 ppm
9					
10					
11					
12				0"-36" MOIST SILTY LIGHT BROWN CLAY	0.2 ppm
13					
14				TEST BORING AT 13'	
15				* SAMPLE COLLECTED AT 3'	
16					
17					
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No. SB-7

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: 10/3/22

Finish Date:

Inspector: RB

Project Name: Evergreen
Location: Kensington + Bailey
Client:

Drilling Firm: M. P. Ryan

Groundwater	Depth	Date & Time	Drill Rig:	Rock Core:	Undist:
While Drilling:		1' 00"	Casing:		
Before Casing Removal:			Sampler:	Other:	
After Casing Removal:			Hammer:		

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION			COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				c - coarse m - medium f - fine	S - Sand, \$ - Silt, G - Gravel, C - Clay, clay - clayey	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	
1				0" - 10" Topsoil / Fill			
2							
3							0.1 ppm
4				10" - 60" Light Brown Dense Clay w/ Gravel			
5				Throughout			
6				0" - 5" Plug			
7							
8							0.0 ppm
9				5" - 60" Dense Light Brown Clay w/			
10				Small Gravel Throughout.			
11							
12				0" - 30" Dense Brown Clay Silty			0.0 ppm
13							
14				Boring Ended At 13'			
15				* Sample Collected At 10'			
16							
17							
18							
19							
20							
21							
22							

BORING LOG

Boring No.

SB-8

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date:	10/4/22
-------------	---------

Finish Date:Inspector: AA**Project Name:**

EVERGREEN

Location:

Kensington + Bailey

Client:

Drilling Firm:

Maliy

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

8:50

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-5" Topsoil / GRAVEL		0.1 ppm
2						
3				5'-1'-10" Fill Material / red Brick / large Angular Gravel.		0.0 ppm
4						
5				0"-12" Fill Material red Brick angular Gravel		0.0 ppm
6						
7				12"-6'-0" Light Brown Dense Silty Clay		0.0 ppm
8						
9						
10						
11				0'-1'-3'-6" Dark Brown Dense Silty Clay		0.0 ppm
12						
13				End Boring at 13'		
14				13'-0" to 13'-6" Dark Brown Dense Silty Clay		
15				A well was installed in SB-8		
16				1 sample collected at 6'		
17						
18						
19						
20						
21						
22						



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BORING LOG

Boring No. **SB-9**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/4/22**

Finish Date:

Inspector: **RB**

Project Name:

Location:

Client:

Drilling Firm:

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

9:15

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
1				0"-5" TOPSOIL/VEGETATION GRAVEL	0.0 ppm
2					
3					
4				5"-60" BROWN DENSE CLAY w/ GRAVEL THROUGHOUT	0.1 ppm
6					0.1 ppm
7					
8				0"-60" DENSE BROWN CLAY SOME GRAVEL THROUGHOUT	0.0 ppm
9					
10					
11					
12				0"-36" DENSE LIGHT BROWN SILTY CLAY	0.0 ppm
13					
14				7' BORING ENDED AT 13'	
15				* SAMPLE COLLECTED AT 5'	
16					
17					
18					
19					
20					
21					
22					



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BORING LOG

Boring No. **SB-10**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/4/22**

Finish Date:

Inspector: **RB**

Project Name: **Evergreen**

Location: **Winston & Bailey**

Client:

Drilling Firm: **MATRIX**

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

41SD

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION		COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				c - coarse m - medium f - fine	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	
1				0"-5" Stone + Gravel		0.1ppm
2				5"-30" Fill Material Angular Gravel		
3						
4				30'-120" Dark Brown Dense Clay w/ Gravel		0.0ppm
5				throughout.		
6						
7						0.2ppm
8				0"-10" Moist Brown Silty Clay		
9						
10						
11						0.0ppm
12				0"-36" Moist Dense Brown Silty Clay		
13						
14				Boring ended at 13'		
15				* NO SOIL SAMPLE COLLECTED FROM SB-10		
16				* WHEN INSTALLED IN SB-10		
17						
18						
19						
20						
21						
22						



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BORING LOG

Boring No. SB-11

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: 10/4/22

Finish Date:

Inspector: RA

Project Name: Evergreen

Location: 1615 S. 1st St + Bailey

Client:

Drilling Firm: Matrix

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

10:10

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION c - coarse m - medium f - fine S - Sand, \$ - Silt, G - Gravel, C - Clay, clay - clayey	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
1				0"-10" TOPSOIL VEGETATION AND PULVER GRRAVEL		
2						0.0 ppm
3						
4				10"-60" DARK BROWN CLAY w/ SMALL AMOUNT GRRAVEL		0.0 ppm
5						
6				6"-8" PLUG		
7						
8				5"-60" DENSE DARK BROWN SILTY CLAY		0.1 ppm
9						
10						
11				0"-36" DENSE LIGHT BROWN SILTY CLAY		0.0 ppm
12						
13						
14				Boring ended at 13'		
15				* SAMPLE COLLECTED AT 10'		
16						
17						
18						
19						
20						
21						
22						



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BORING LOG

Boring No.

SB-17

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date:

10/4/22

Finish Date:

Inspector:

AB

Project Name:

Evergreen

Location:

Kensington + Bailey

Client:

Drilling Firm:

MATRY

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

10:30

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION			COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				c - coarse m - medium f - fine	S - Sand, \$ - Silt, G - Gravel, C - Clay, clay - clayey	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	
1				0"-5" topsoil vegetation gravel			
2							
4				5"-10" dark brown clay w/ gravel throughout			0.1ppm
5							
6							
7				0"-10" dense moist clay some gravel throughout			0.0ppm
8							
9							
10							
11				0"-30" dense light brown silty clay			0.0ppm.
12							
13							
14				Boring ended at 13'			
15				+ sample collected at 3'			
16							
17							
18							
19							
20							
21							
22							
23							



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BORING LOG

Boring No.

SB-13

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date:

10/4/22

Finish Date:

Inspector:

RB

Project Name:

Evergreen

Location:

Kentington + Bailey

Client:

Drilling Firm:

Matrix

Groundwater

Depth

Date & Time

Drill Rig:

While Drilling:

Casing:

Rock Core:

Undist:

Before Casing Removal:

Sampler:

Other:

After Casing Removal:

Hammer:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION	COMMENTS
1				0"-10" FILL VEGETATION + GRAVEL	0.0 ppm
2					
3					
4				10"-160" DENSE LIGHT BROWN CLAY w/ SOME GRAVEL THROUGHOUT	0.0 ppm
5					
6					
7					
8				0"-160" DENSE SILTY CLAY LIGHT BROWN SOME SMALL GRAVEL THROUGHOUT	0.0 ppm
9					
10					
11					
12				0"-36" LIGHT BROWN DENSE SILTY CLAY SOME SMALL GRAVEL THROUGHOUT	0.0 ppm
13					
14				BORING ENDED AT 13'	
15				NO SAMPLE COLLECTED FROM SB-13	
16					
17					
18					
19					
20					
21					
22					
23					



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BORING LOG

Boring No. **SB-14**

Sheet 1 of:

Project No.:

Surface Elev.:

Datum:

Start Date: **10/4/22**

Finish Date:

Inspector: **RB**

Project Name: **Evergreen**
Location: **Kensington & Bailey**
Client:
Drilling Firm: **MATRY**

Groundwater
While Drilling:
Before Casing Removal:
After Casing Removal:

Depth
Date & Time: **11/20**
Drill Rig:
Casing:
Sampler:
Hammer:

Rock Core:

Undist:

Other:

(N -- No. of blows to drive sampler 12" w/140 lb. hammer falling 30" ASTM D-1586, Standard Penetration Test)

Depth (ft)	Sample No.	Symbol	Blows on Sampler per 6"	MATERIAL DESCRIPTION		COMMENTS (e.g., N-value, recovery, relative moisture, core run, RQD, % recovered)
				c - coarse m - medium f - fine	a - and - 35-50% s - some - 20-35% l - little - 10-20% t - trace - 0-10%	
1				0"-5" Fill topsoil Gravel		
2				5"-15" Fill Material		Ø: Ø 1 pm
3						
4				15"-60" Light Brown Dense Clay some Gravel throughout		Ø: Ø 1 pm
5						
6				0"-24" Black organic material through silty clay		Ø: Ø 1 pm
7						
8						
9				24"-60" Dense light brown clay silty		Ø: Ø 1 pm
10						
11				0"-36" Light brown dense silty clay/gravel throughout small		Ø: Ø 1 pm
12						
13						
14				Boring ended at 17'		
15				+ SAMPLE COLLECTED AT 7'		
16						
17						
18						
19						
20						
21						
22						
23						

Appendix B

Monitoring Well Construction Logs

[illegible]

[illegible]

Bottom of Bore Hole

Appendix C

Summaries of Lab Data & Laboratory Analytical Reports

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-201619-1

Client Project/Site: Kensington and Bailey Ave Properties

For:

C&S Engineers, Inc.
141 Elm Street
Suite 100
Buffalo, New York 14203

Attn: Cody Martin



Authorized for release by:
9/23/2022 9:58:23 AM

Steve Hartmann, Project Manager
(413)572-4000
Steve.Hartmann@et.eurofinsus.com

LINKS

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results through



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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.

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Definitions/Glossary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Job ID: 480-201619-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-201619-1

Comments

No additional comments.

Receipt

The samples were received on 9/14/2022 11:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 12.2° C.

GC/MS VOA

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-642144 recovered above the upper control limit for 2,4-Dinitrophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: SS-01 (480-201619-1), SS-02 (480-201619-2), SS-03 (480-201619-3), SS-04 (480-201619-4) and SS-05 (480-201619-5).

Method 8270D: The method blank for preparation batch 480-641680 contained Diethyl phthalate above the reporting limit (RL). None of the samples associated with this method blank contained the target compound above the RL; therefore, re-extraction and/or re-analysis of samples were not performed.

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: SS-01 (480-201619-1), SS-02 (480-201619-2), SS-03 (480-201619-3), SS-04 (480-201619-4) and SS-05 (480-201619-5). Elevated reporting limits (RL) are provided.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SS-01 (480-201619-1), SS-02 (480-201619-2), SS-04 (480-201619-4) and SS-05 (480-201619-5). These results have been reported and qualified.

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

Metals

Method 6010C: The method blank for preparation batch 480-641524 and analytical batch 480-641879 contained Total Aluminum, Iron, and Manganese above the reporting limits (RL). Associated samples SS-01 (480-201619-1), SS-02 (480-201619-2), SS-03 (480-201619-3), SS-04 (480-201619-4) and SS-05 (480-201619-5) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 6010C: The following sample was diluted due to the presence of Total Calcium which interferes with Copper: SS-05 (480-201619-5). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted due to the presence of Total Chromium which interferes with Antimony and Zinc: SS-05 (480-201619-5). Elevated reporting limits (RLs) are provided.

Method 6010C: The following sample was diluted due to the presence of Total Manganese which interferes with Chromium, Magnesium, Thallium, and Vanadium: SS-05 (480-201619-5). Elevated reporting limits (RLs) are provided.

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

Organic Prep

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

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.64	J B vs	5.5	0.34	ug/Kg	1	✱		8260C	Total/NA
Benzo[a]anthracene	630	J	960	96	ug/Kg	5	✱		8270D	Total/NA
Benzo[a]pyrene	830	J	960	140	ug/Kg	5	✱		8270D	Total/NA
Benzo[b]fluoranthene	1000		960	150	ug/Kg	5	✱		8270D	Total/NA
Benzo[g,h,i]perylene	660	J	960	100	ug/Kg	5	✱		8270D	Total/NA
Benzo[k]fluoranthene	490	J	960	120	ug/Kg	5	✱		8270D	Total/NA
Chrysene	800	J	960	210	ug/Kg	5	✱		8270D	Total/NA
Fluoranthene	1400		960	100	ug/Kg	5	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	630	J	960	120	ug/Kg	5	✱		8270D	Total/NA
Phenanthrene	600	J	960	140	ug/Kg	5	✱		8270D	Total/NA
Pyrene	1000		960	110	ug/Kg	5	✱		8270D	Total/NA
Aluminum	15200	B	11.5	5.0	mg/Kg	1	✱		6010C	Total/NA
Antimony	0.80	J	17.2	0.46	mg/Kg	1	✱		6010C	Total/NA
Arsenic	5.6		2.3	0.46	mg/Kg	1	✱		6010C	Total/NA
Barium	89.4	B	0.57	0.13	mg/Kg	1	✱		6010C	Total/NA
Beryllium	0.66	B	0.23	0.032	mg/Kg	1	✱		6010C	Total/NA
Cadmium	0.39	B	0.23	0.034	mg/Kg	1	✱		6010C	Total/NA
Calcium	41000	B	57.3	3.8	mg/Kg	1	✱		6010C	Total/NA
Chromium	19.8		0.57	0.23	mg/Kg	1	✱		6010C	Total/NA
Cobalt	7.7		0.57	0.057	mg/Kg	1	✱		6010C	Total/NA
Copper	22.9		1.1	0.24	mg/Kg	1	✱		6010C	Total/NA
Iron	17400	B	11.5	4.0	mg/Kg	1	✱		6010C	Total/NA
Lead	68.6		1.1	0.27	mg/Kg	1	✱		6010C	Total/NA
Magnesium	12100	B	22.9	1.1	mg/Kg	1	✱		6010C	Total/NA
Manganese	393	B	0.23	0.037	mg/Kg	1	✱		6010C	Total/NA
Nickel	19.8		5.7	0.26	mg/Kg	1	✱		6010C	Total/NA
Potassium	3930		34.4	22.9	mg/Kg	1	✱		6010C	Total/NA
Selenium	0.62	J	4.6	0.46	mg/Kg	1	✱		6010C	Total/NA
Sodium	291		160	14.9	mg/Kg	1	✱		6010C	Total/NA
Vanadium	30.2		0.57	0.13	mg/Kg	1	✱		6010C	Total/NA
Zinc	93.1		2.3	0.73	mg/Kg	1	✱		6010C	Total/NA
Mercury	0.088		0.023	0.0054	mg/Kg	1	✱		7471B	Total/NA

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.64	J B vs	5.8	0.36	ug/Kg	1	✱		8260C	Total/NA
Benzo[a]anthracene	160	J	1000	100	ug/Kg	5	✱		8270D	Total/NA
Benzo[a]pyrene	170	J	1000	150	ug/Kg	5	✱		8270D	Total/NA
Benzo[b]fluoranthene	220	J	1000	160	ug/Kg	5	✱		8270D	Total/NA
Benzo[g,h,i]perylene	130	J	1000	110	ug/Kg	5	✱		8270D	Total/NA
Diethyl phthalate	370	J B	1000	130	ug/Kg	5	✱		8270D	Total/NA
Fluoranthene	270	J	1000	110	ug/Kg	5	✱		8270D	Total/NA
Pyrene	240	J	1000	120	ug/Kg	5	✱		8270D	Total/NA
Aluminum	15600	B	12.7	5.6	mg/Kg	1	✱		6010C	Total/NA
Antimony	0.57	J	19.0	0.51	mg/Kg	1	✱		6010C	Total/NA
Arsenic	6.7		2.5	0.51	mg/Kg	1	✱		6010C	Total/NA
Barium	90.7	B	0.63	0.14	mg/Kg	1	✱		6010C	Total/NA
Beryllium	0.67	B	0.25	0.036	mg/Kg	1	✱		6010C	Total/NA
Cadmium	0.34	B	0.25	0.038	mg/Kg	1	✱		6010C	Total/NA
Calcium	64000	B	63.4	4.2	mg/Kg	1	✱		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-02 (Continued)

Lab Sample ID: 480-201619-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chromium	19.2		0.63	0.25	mg/Kg	1	✱		6010C	Total/NA
Cobalt	8.2		0.63	0.063	mg/Kg	1	✱		6010C	Total/NA
Copper	21.6		1.3	0.27	mg/Kg	1	✱		6010C	Total/NA
Iron	17600	B	12.7	4.4	mg/Kg	1	✱		6010C	Total/NA
Lead	54.0		1.3	0.30	mg/Kg	1	✱		6010C	Total/NA
Magnesium	23100	B	25.4	1.2	mg/Kg	1	✱		6010C	Total/NA
Manganese	418	B	0.25	0.041	mg/Kg	1	✱		6010C	Total/NA
Nickel	19.4		6.3	0.29	mg/Kg	1	✱		6010C	Total/NA
Potassium	4790		38.1	25.4	mg/Kg	1	✱		6010C	Total/NA
Selenium	0.70	J	5.1	0.51	mg/Kg	1	✱		6010C	Total/NA
Sodium	349		178	16.5	mg/Kg	1	✱		6010C	Total/NA
Vanadium	30.0		0.63	0.14	mg/Kg	1	✱		6010C	Total/NA
Zinc	82.6		2.5	0.81	mg/Kg	1	✱		6010C	Total/NA
Mercury	0.042		0.024	0.0056	mg/Kg	1	✱		7471B	Total/NA

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.50	J B vs	5.7	0.35	ug/Kg	1	✱		8260C	Total/NA
Acenaphthene	180	J	980	140	ug/Kg	5	✱		8270D	Total/NA
Acenaphthylene	140	J	980	130	ug/Kg	5	✱		8270D	Total/NA
Anthracene	510	J	980	240	ug/Kg	5	✱		8270D	Total/NA
Benzo[a]anthracene	1800		980	98	ug/Kg	5	✱		8270D	Total/NA
Benzo[a]pyrene	2200		980	140	ug/Kg	5	✱		8270D	Total/NA
Benzo[b]fluoranthene	2900		980	160	ug/Kg	5	✱		8270D	Total/NA
Benzo[g,h,i]perylene	1400		980	100	ug/Kg	5	✱		8270D	Total/NA
Benzo[k]fluoranthene	1000		980	130	ug/Kg	5	✱		8270D	Total/NA
Carbazole	470	J	980	120	ug/Kg	5	✱		8270D	Total/NA
Chrysene	2300		980	220	ug/Kg	5	✱		8270D	Total/NA
Dibenz[a,h]anthracene	430	J	980	170	ug/Kg	5	✱		8270D	Total/NA
Dibenzofuran	130	J	980	120	ug/Kg	5	✱		8270D	Total/NA
Fluoranthene	6000		980	100	ug/Kg	5	✱		8270D	Total/NA
Fluorene	230	J	980	120	ug/Kg	5	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1400		980	120	ug/Kg	5	✱		8270D	Total/NA
Phenanthrene	3100		980	140	ug/Kg	5	✱		8270D	Total/NA
Pyrene	3600		980	120	ug/Kg	5	✱		8270D	Total/NA
Aluminum	14300	B	11.4	5.0	mg/Kg	1	✱		6010C	Total/NA
Antimony	1.0	J	17.0	0.45	mg/Kg	1	✱		6010C	Total/NA
Arsenic	7.5		2.3	0.45	mg/Kg	1	✱		6010C	Total/NA
Barium	79.5	B	0.57	0.12	mg/Kg	1	✱		6010C	Total/NA
Beryllium	0.79	B	0.23	0.032	mg/Kg	1	✱		6010C	Total/NA
Cadmium	0.45	B	0.23	0.034	mg/Kg	1	✱		6010C	Total/NA
Calcium	38900	B	56.8	3.7	mg/Kg	1	✱		6010C	Total/NA
Chromium	19.4		0.57	0.23	mg/Kg	1	✱		6010C	Total/NA
Cobalt	7.2		0.57	0.057	mg/Kg	1	✱		6010C	Total/NA
Copper	26.0		1.1	0.24	mg/Kg	1	✱		6010C	Total/NA
Iron	17700	B	11.4	4.0	mg/Kg	1	✱		6010C	Total/NA
Lead	127		1.1	0.27	mg/Kg	1	✱		6010C	Total/NA
Magnesium	8440	B	22.7	1.1	mg/Kg	1	✱		6010C	Total/NA
Manganese	443	B	0.23	0.036	mg/Kg	1	✱		6010C	Total/NA
Nickel	20.4		5.7	0.26	mg/Kg	1	✱		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-03 (Continued)

Lab Sample ID: 480-201619-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Potassium	3050		34.1	22.7	mg/Kg	1		✱	6010C	Total/NA
Selenium	0.99	J	4.5	0.45	mg/Kg	1		✱	6010C	Total/NA
Sodium	193		159	14.8	mg/Kg	1		✱	6010C	Total/NA
Vanadium	28.6		0.57	0.12	mg/Kg	1		✱	6010C	Total/NA
Zinc	121		2.3	0.73	mg/Kg	1		✱	6010C	Total/NA
Mercury	0.12		0.024	0.0055	mg/Kg	1		✱	7471B	Total/NA

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Chloroform	0.65	J B vs	5.7	0.36	ug/Kg	1		✱	8260C	Total/NA
Benzo[a]anthracene	750	J	990	99	ug/Kg	5		✱	8270D	Total/NA
Benzo[a]pyrene	990		990	150	ug/Kg	5		✱	8270D	Total/NA
Benzo[b]fluoranthene	1300		990	160	ug/Kg	5		✱	8270D	Total/NA
Benzo[g,h,i]perylene	680	J	990	110	ug/Kg	5		✱	8270D	Total/NA
Benzo[k]fluoranthene	480	J	990	130	ug/Kg	5		✱	8270D	Total/NA
Chrysene	990		990	220	ug/Kg	5		✱	8270D	Total/NA
Dibenz(a,h)anthracene	190	J	990	180	ug/Kg	5		✱	8270D	Total/NA
Diethyl phthalate	140	J B	990	130	ug/Kg	5		✱	8270D	Total/NA
Fluoranthene	1900		990	110	ug/Kg	5		✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	630	J	990	120	ug/Kg	5		✱	8270D	Total/NA
Phenanthrene	690	J	990	150	ug/Kg	5		✱	8270D	Total/NA
Pyrene	1200		990	120	ug/Kg	5		✱	8270D	Total/NA
Aluminum	17100	B	12.2	5.4	mg/Kg	1		✱	6010C	Total/NA
Antimony	0.82	J	18.3	0.49	mg/Kg	1		✱	6010C	Total/NA
Arsenic	7.0		2.4	0.49	mg/Kg	1		✱	6010C	Total/NA
Barium	102	B	0.61	0.13	mg/Kg	1		✱	6010C	Total/NA
Beryllium	0.78	B	0.24	0.034	mg/Kg	1		✱	6010C	Total/NA
Cadmium	0.43	B	0.24	0.037	mg/Kg	1		✱	6010C	Total/NA
Calcium	36600	B	60.8	4.0	mg/Kg	1		✱	6010C	Total/NA
Chromium	22.3		0.61	0.24	mg/Kg	1		✱	6010C	Total/NA
Cobalt	9.0		0.61	0.061	mg/Kg	1		✱	6010C	Total/NA
Copper	24.1		1.2	0.26	mg/Kg	1		✱	6010C	Total/NA
Iron	19000	B	12.2	4.3	mg/Kg	1		✱	6010C	Total/NA
Lead	80.9		1.2	0.29	mg/Kg	1		✱	6010C	Total/NA
Magnesium	11000	B	24.3	1.1	mg/Kg	1		✱	6010C	Total/NA
Manganese	505	B	0.24	0.039	mg/Kg	1		✱	6010C	Total/NA
Nickel	22.1		6.1	0.28	mg/Kg	1		✱	6010C	Total/NA
Potassium	3900		36.5	24.3	mg/Kg	1		✱	6010C	Total/NA
Selenium	0.90	J	4.9	0.49	mg/Kg	1		✱	6010C	Total/NA
Sodium	215		170	15.8	mg/Kg	1		✱	6010C	Total/NA
Vanadium	33.2		0.61	0.13	mg/Kg	1		✱	6010C	Total/NA
Zinc	106		2.4	0.78	mg/Kg	1		✱	6010C	Total/NA
Mercury	0.48		0.022	0.0051	mg/Kg	1		✱	7471B	Total/NA

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	4.7	J vs	26	4.4	ug/Kg	1		✱	8260C	Total/NA
2-Butanone (MEK)	4.2	J vs	26	1.9	ug/Kg	1		✱	8260C	Total/NA
Chloroform	0.53	J B vs	5.2	0.32	ug/Kg	1		✱	8260C	Total/NA
Benzo[a]anthracene	2000		1800	180	ug/Kg	10		✱	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-05 (Continued)

Lab Sample ID: 480-201619-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Benzo[a]pyrene	2200		1800	270	ug/Kg	10	✱		8270D	Total/NA
Benzo[b]fluoranthene	2400		1800	290	ug/Kg	10	✱		8270D	Total/NA
Benzo[g,h,i]perylene	1100	J	1800	190	ug/Kg	10	✱		8270D	Total/NA
Benzo[k]fluoranthene	1400	J	1800	230	ug/Kg	10	✱		8270D	Total/NA
Carbazole	220	J	1800	210	ug/Kg	10	✱		8270D	Total/NA
Chrysene	2100		1800	400	ug/Kg	10	✱		8270D	Total/NA
Dibenz(a,h)anthracene	370	J	1800	320	ug/Kg	10	✱		8270D	Total/NA
Fluoranthene	4100		1800	190	ug/Kg	10	✱		8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1100	J	1800	220	ug/Kg	10	✱		8270D	Total/NA
Phenanthrene	1600	J	1800	270	ug/Kg	10	✱		8270D	Total/NA
Pyrene	3100		1800	210	ug/Kg	10	✱		8270D	Total/NA
Aluminum	9300	B	11.1	4.9	mg/Kg	1	✱		6010C	Total/NA
Arsenic	16.7		2.2	0.44	mg/Kg	1	✱		6010C	Total/NA
Barium	95.6	B	0.56	0.12	mg/Kg	1	✱		6010C	Total/NA
Beryllium	0.49	B	0.22	0.031	mg/Kg	1	✱		6010C	Total/NA
Cadmium	0.33	B	0.22	0.033	mg/Kg	1	✱		6010C	Total/NA
Calcium	132000	B	111	7.3	mg/Kg	2	✱		6010C	Total/NA
Chromium	1520		2.8	1.1	mg/Kg	5	✱		6010C	Total/NA
Cobalt	5.1		0.56	0.056	mg/Kg	1	✱		6010C	Total/NA
Copper	17.5		2.2	0.47	mg/Kg	2	✱		6010C	Total/NA
Iron	52300	B	11.1	3.9	mg/Kg	1	✱		6010C	Total/NA
Lead	126		1.1	0.27	mg/Kg	1	✱		6010C	Total/NA
Magnesium	20900	B	111	5.2	mg/Kg	5	✱		6010C	Total/NA
Manganese	20400	B	1.1	0.18	mg/Kg	5	✱		6010C	Total/NA
Nickel	13.9		5.6	0.26	mg/Kg	1	✱		6010C	Total/NA
Potassium	1190		33.3	22.2	mg/Kg	1	✱		6010C	Total/NA
Selenium	7.1		4.4	0.44	mg/Kg	1	✱		6010C	Total/NA
Silver	2.6		0.67	0.22	mg/Kg	1	✱		6010C	Total/NA
Sodium	133	J	156	14.4	mg/Kg	1	✱		6010C	Total/NA
Thallium	3.7	J	33.3	1.7	mg/Kg	5	✱		6010C	Total/NA
Vanadium	203		2.8	0.61	mg/Kg	5	✱		6010C	Total/NA
Zinc	103		4.4	1.4	mg/Kg	2	✱		6010C	Total/NA
Mercury	0.12		0.021	0.0048	mg/Kg	1	✱		7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 88.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	28	4.7	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Benzene	ND	vs	5.5	0.27	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Bromodichloromethane	ND	vs	5.5	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Bromoform	ND	vs	5.5	2.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Bromomethane	ND	vs	5.5	0.50	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
2-Butanone (MEK)	ND	vs	28	2.0	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Carbon disulfide	ND	vs	5.5	2.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Carbon tetrachloride	ND	vs	5.5	0.54	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Chlorobenzene	ND	vs	5.5	0.73	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Chloroethane	ND	vs	5.5	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Chloroform	0.64	J B vs	5.5	0.34	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Chloromethane	ND	vs	5.5	0.33	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
cis-1,2-Dichloroethene	ND	vs	5.5	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
cis-1,3-Dichloropropene	ND	vs	5.5	0.80	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Cyclohexane	ND	vs	5.5	0.78	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Dibromochloromethane	ND	vs	5.5	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2-Dibromoethane	ND	vs	5.5	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2-Dichlorobenzene	ND	vs	5.5	0.43	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,3-Dichlorobenzene	ND	vs	5.5	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,4-Dichlorobenzene	ND	vs	5.5	0.78	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Dichlorodifluoromethane	ND	vs	5.5	0.46	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1-Dichloroethane	ND	vs	5.5	0.68	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2-Dichloroethane	ND	vs	5.5	0.28	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1-Dichloroethene	ND	vs	5.5	0.68	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2-Dichloropropane	ND	vs	5.5	2.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Ethylbenzene	ND	vs	5.5	0.38	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Isopropylbenzene	ND	vs	5.5	0.84	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Methyl acetate	ND	vs	28	3.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Methylcyclohexane	ND	vs	5.5	0.84	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Methylene Chloride	ND	vs	5.5	2.6	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Methyl tert-butyl ether	ND	vs	5.5	0.54	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Styrene	ND	vs	5.5	0.28	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.90	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Tetrachloroethene	ND	vs	5.5	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Toluene	ND	vs	5.5	0.42	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
trans-1,2-Dichloroethene	ND	vs	5.5	0.57	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
trans-1,3-Dichloropropene	ND	vs	5.5	2.4	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,2,4-Trichlorobenzene	ND	vs	5.5	0.34	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1,1-Trichloroethane	ND	vs	5.5	0.40	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1,2-Trichloroethane	ND	vs	5.5	0.72	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Trichloroethene	ND	vs	5.5	1.2	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Trichlorofluoromethane	ND	vs	5.5	0.52	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Vinyl chloride	ND	vs	5.5	0.68	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1
Xylenes, Total	ND	vs	11	0.93	ug/Kg	✱	09/18/22 17:23	09/19/22 03:06	1

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 88.4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 126	09/18/22 17:23	09/19/22 03:06	1
Dibromofluoromethane (Surr)	100		60 - 140	09/18/22 17:23	09/19/22 03:06	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	09/18/22 17:23	09/19/22 03:06	1
Toluene-d8 (Surr)	113		71 - 125	09/18/22 17:23	09/19/22 03:06	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		960	140	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Acenaphthylene	ND		960	120	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Acetophenone	ND		960	130	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Anthracene	ND		960	240	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Atrazine	ND		960	330	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzaldehyde	ND		960	760	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzo[a]anthracene	630	J	960	96	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzo[a]pyrene	830	J	960	140	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzo[b]fluoranthene	1000		960	150	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzo[g,h,i]perylene	660	J	960	100	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Benzo[k]fluoranthene	490	J	960	120	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Biphenyl	ND		960	140	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Bis(2-chloroethoxy)methane	ND		960	200	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Bis(2-chloroethyl)ether	ND		960	120	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
bis (2-chloroisopropyl) ether	ND		960	190	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Bis(2-ethylhexyl) phthalate	ND		960	330	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
4-Bromophenyl phenyl ether	ND		960	130	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Butyl benzyl phthalate	ND		960	160	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Caprolactam	ND		960	290	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Carbazole	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
4-Chloroaniline	ND		960	240	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
4-Chloro-3-methylphenol	ND		960	240	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2-Chloronaphthalene	ND		960	160	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2-Chlorophenol	ND		1900	170	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
4-Chlorophenyl phenyl ether	ND		960	120	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Chrysene	800	J	960	210	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Dibenz(a,h)anthracene	ND		960	170	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Dibenzofuran	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
3,3'-Dichlorobenzidine	ND		1900	1100	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2,4-Dichlorophenol	ND		960	100	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Diethyl phthalate	ND		960	120	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2,4-Dimethylphenol	ND		960	230	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Dimethyl phthalate	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Di-n-butyl phthalate	ND		960	160	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
4,6-Dinitro-2-methylphenol	ND		1900	960	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2,4-Dinitrophenol	ND		9300	4400	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2,4-Dinitrotoluene	ND		960	200	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
2,6-Dinitrotoluene	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Di-n-octyl phthalate	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Fluoranthene	1400		960	100	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Fluorene	ND		960	110	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Hexachlorobenzene	ND		960	130	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5
Hexachlorobutadiene	ND		960	140	ug/Kg	☆	09/16/22 08:32	09/21/22 13:39	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 88.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		960	130	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Hexachloroethane	ND		960	120	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Indeno[1,2,3-cd]pyrene	630	J	960	120	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Isophorone	ND		960	200	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2-Methylnaphthalene	ND		960	190	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2-Methylphenol	ND		960	110	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
4-Methylphenol	ND		1900	110	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Naphthalene	ND		960	120	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2-Nitroaniline	ND		1900	140	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
3-Nitroaniline	ND		1900	260	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
4-Nitroaniline	ND		1900	500	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Nitrobenzene	ND		960	110	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2-Nitrophenol	ND		960	270	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
4-Nitrophenol	ND		1900	670	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
N-Nitrosodi-n-propylamine	ND		960	160	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
N-Nitrosodiphenylamine	ND		960	780	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Pentachlorophenol	ND		1900	960	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Phenanthrene	600	J	960	140	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Phenol	ND		960	150	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
Pyrene	1000		960	110	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2,4,5-Trichlorophenol	ND		960	260	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5
2,4,6-Trichlorophenol	ND		960	190	ug/Kg	✱	09/16/22 08:32	09/21/22 13:39	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	83		60 - 120	09/16/22 08:32	09/21/22 13:39	5
2-Fluorophenol (Surr)	70		52 - 120	09/16/22 08:32	09/21/22 13:39	5
Nitrobenzene-d5 (Surr)	81		53 - 120	09/16/22 08:32	09/21/22 13:39	5
Phenol-d5 (Surr)	64		54 - 120	09/16/22 08:32	09/21/22 13:39	5
p-Terphenyl-d14 (Surr)	76	S1-	79 - 130	09/16/22 08:32	09/21/22 13:39	5
2,4,6-Tribromophenol (Surr)	77		54 - 120	09/16/22 08:32	09/21/22 13:39	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15200	B	11.5	5.0	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Antimony	0.80	J	17.2	0.46	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Arsenic	5.6		2.3	0.46	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Barium	89.4	B	0.57	0.13	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Beryllium	0.66	B	0.23	0.032	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Cadmium	0.39	B	0.23	0.034	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Calcium	41000	B	57.3	3.8	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Chromium	19.8		0.57	0.23	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Cobalt	7.7		0.57	0.057	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Copper	22.9		1.1	0.24	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Iron	17400	B	11.5	4.0	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Lead	68.6		1.1	0.27	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Magnesium	12100	B	22.9	1.1	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Manganese	393	B	0.23	0.037	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Nickel	19.8		5.7	0.26	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Potassium	3930		34.4	22.9	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Selenium	0.62	J	4.6	0.46	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 88.4

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.69	0.23	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Sodium	291		160	14.9	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Thallium	ND		6.9	0.34	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Vanadium	30.2		0.57	0.13	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1
Zinc	93.1		2.3	0.73	mg/Kg	✱	09/15/22 11:25	09/16/22 18:25	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.023	0.0054	mg/Kg	✱	09/15/22 10:09	09/15/22 14:15	1

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	29	4.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Benzene	ND	vs	5.8	0.28	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Bromodichloromethane	ND	vs	5.8	0.78	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Bromoform	ND	vs	5.8	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Bromomethane	ND	vs	5.8	0.52	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Carbon disulfide	ND	vs	5.8	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Carbon tetrachloride	ND	vs	5.8	0.56	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Chlorobenzene	ND	vs	5.8	0.77	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Chloroethane	ND	vs	5.8	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Chloroform	0.64	J B vs	5.8	0.36	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Chloromethane	ND	vs	5.8	0.35	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
cis-1,2-Dichloroethene	ND	vs	5.8	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
cis-1,3-Dichloropropene	ND	vs	5.8	0.84	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Cyclohexane	ND	vs	5.8	0.81	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Dibromochloromethane	ND	vs	5.8	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.8	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2-Dibromoethane	ND	vs	5.8	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2-Dichlorobenzene	ND	vs	5.8	0.45	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,3-Dichlorobenzene	ND	vs	5.8	0.30	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,4-Dichlorobenzene	ND	vs	5.8	0.81	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Dichlorodifluoromethane	ND	vs	5.8	0.48	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1-Dichloroethane	ND	vs	5.8	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2-Dichloroethane	ND	vs	5.8	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1-Dichloroethene	ND	vs	5.8	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2-Dichloropropane	ND	vs	5.8	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Ethylbenzene	ND	vs	5.8	0.40	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Isopropylbenzene	ND	vs	5.8	0.87	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Methylcyclohexane	ND	vs	5.8	0.88	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Methylene Chloride	ND	vs	5.8	2.7	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Methyl tert-butyl ether	ND	vs	5.8	0.57	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 81.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	vs	5.8	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1,2,2-Tetrachloroethane	ND	vs	5.8	0.94	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Tetrachloroethene	ND	vs	5.8	0.78	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Toluene	ND	vs	5.8	0.44	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
trans-1,2-Dichloroethene	ND	vs	5.8	0.60	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
trans-1,3-Dichloropropene	ND	vs	5.8	2.6	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,2,4-Trichlorobenzene	ND	vs	5.8	0.35	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1,1-Trichloroethane	ND	vs	5.8	0.42	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1,2-Trichloroethane	ND	vs	5.8	0.75	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Trichloroethene	ND	vs	5.8	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Trichlorofluoromethane	ND	vs	5.8	0.55	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.8	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Vinyl chloride	ND	vs	5.8	0.71	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1
Xylenes, Total	ND	vs	12	0.97	ug/Kg	✱	09/18/22 17:23	09/19/22 03:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		72 - 126	09/18/22 17:23	09/19/22 03:30	1
Dibromofluoromethane (Surr)	101		60 - 140	09/18/22 17:23	09/19/22 03:30	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	09/18/22 17:23	09/19/22 03:30	1
Toluene-d8 (Surr)	111		71 - 125	09/18/22 17:23	09/19/22 03:30	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1000	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Acenaphthylene	ND		1000	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Acetophenone	ND		1000	140	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Anthracene	ND		1000	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Atrazine	ND		1000	350	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzaldehyde	ND		1000	810	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzo[a]anthracene	160	J	1000	100	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzo[a]pyrene	170	J	1000	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzo[b]fluoranthene	220	J	1000	160	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzo[g,h,i]perylene	130	J	1000	110	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Benzo[k]fluoranthene	ND		1000	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Biphenyl	ND		1000	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Bis(2-chloroethoxy)methane	ND		1000	210	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Bis(2-chloroethyl)ether	ND		1000	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
bis (2-chloroisopropyl) ether	ND		1000	200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Bis(2-ethylhexyl) phthalate	ND		1000	350	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
4-Bromophenyl phenyl ether	ND		1000	140	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Butyl benzyl phthalate	ND		1000	170	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Caprolactam	ND		1000	300	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Carbazole	ND		1000	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
4-Chloroaniline	ND		1000	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
4-Chloro-3-methylphenol	ND		1000	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
2-Chloronaphthalene	ND		1000	170	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
2-Chlorophenol	ND		2000	190	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
4-Chlorophenyl phenyl ether	ND		1000	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Chrysene	ND		1000	230	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5
Dibenz(a,h)anthracene	ND		1000	180	ug/Kg	✱	09/16/22 08:32	09/21/22 14:04	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 81.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
3,3'-Dichlorobenzidine	ND		2000	1200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4-Dichlorophenol	ND		1000	110	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Diethyl phthalate	370	J B	1000	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4-Dimethylphenol	ND		1000	240	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Dimethyl phthalate	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Di-n-butyl phthalate	ND		1000	170	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
4,6-Dinitro-2-methylphenol	ND		2000	1000	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4-Dinitrophenol	ND		9900	4700	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4-Dinitrotoluene	ND		1000	210	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,6-Dinitrotoluene	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Di-n-octyl phthalate	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Fluoranthene	270	J	1000	110	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Fluorene	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Hexachlorobenzene	ND		1000	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Hexachlorobutadiene	ND		1000	150	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Hexachlorocyclopentadiene	ND		1000	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Hexachloroethane	ND		1000	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Indeno[1,2,3-cd]pyrene	ND		1000	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Isophorone	ND		1000	210	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2-Methylnaphthalene	ND		1000	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2-Methylphenol	ND		1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
4-Methylphenol	ND		2000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Naphthalene	ND		1000	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2-Nitroaniline	ND		2000	150	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
3-Nitroaniline	ND		2000	280	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
4-Nitroaniline	ND		2000	530	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Nitrobenzene	ND		1000	110	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2-Nitrophenol	ND		1000	290	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
4-Nitrophenol	ND		2000	710	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
N-Nitrosodi-n-propylamine	ND		1000	170	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
N-Nitrosodiphenylamine	ND		1000	820	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Pentachlorophenol	ND		2000	1000	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Phenanthrene	ND		1000	150	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Phenol	ND		1000	160	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
Pyrene	240	J	1000	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4,5-Trichlorophenol	ND		1000	270	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5
2,4,6-Trichlorophenol	ND		1000	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:04	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	78		60 - 120	09/16/22 08:32	09/21/22 14:04	5
2-Fluorophenol (Surr)	61		52 - 120	09/16/22 08:32	09/21/22 14:04	5
Nitrobenzene-d5 (Surr)	71		53 - 120	09/16/22 08:32	09/21/22 14:04	5
Phenol-d5 (Surr)	61		54 - 120	09/16/22 08:32	09/21/22 14:04	5
p-Terphenyl-d14 (Surr)	71	S1-	79 - 130	09/16/22 08:32	09/21/22 14:04	5
2,4,6-Tribromophenol (Surr)	67		54 - 120	09/16/22 08:32	09/21/22 14:04	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15600	B	12.7	5.6	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 81.9

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.57	J	19.0	0.51	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Arsenic	6.7		2.5	0.51	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Barium	90.7	B	0.63	0.14	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Beryllium	0.67	B	0.25	0.036	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Cadmium	0.34	B	0.25	0.038	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Calcium	64000	B	63.4	4.2	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Chromium	19.2		0.63	0.25	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Cobalt	8.2		0.63	0.063	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Copper	21.6		1.3	0.27	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Iron	17600	B	12.7	4.4	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Lead	54.0		1.3	0.30	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Magnesium	23100	B	25.4	1.2	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Manganese	418	B	0.25	0.041	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Nickel	19.4		6.3	0.29	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Potassium	4790		38.1	25.4	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Selenium	0.70	J	5.1	0.51	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Silver	ND		0.76	0.25	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Sodium	349		178	16.5	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Thallium	ND		7.6	0.38	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Vanadium	30.0		0.63	0.14	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1
Zinc	82.6		2.5	0.81	mg/Kg	☆	09/15/22 11:25	09/16/22 18:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.024	0.0056	mg/Kg	☆	09/15/22 10:09	09/15/22 14:17	1

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	29	4.8	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Chloroform	0.50	J B vs	5.7	0.35	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Chloromethane	ND	vs	5.7	0.35	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☆	09/18/22 17:23	09/19/22 03:54	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 86.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Styrene	ND	vs	5.7	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	✱	09/18/22 17:23	09/19/22 03:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		72 - 126	09/18/22 17:23	09/19/22 03:54	1
Dibromofluoromethane (Surr)	101		60 - 140	09/18/22 17:23	09/19/22 03:54	1
1,2-Dichloroethane-d4 (Surr)	106		64 - 126	09/18/22 17:23	09/19/22 03:54	1
Toluene-d8 (Surr)	115		71 - 125	09/18/22 17:23	09/19/22 03:54	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	180	J	980	140	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Acenaphthylene	140	J	980	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Acetophenone	ND		980	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Anthracene	510	J	980	240	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Atrazine	ND		980	340	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzaldehyde	ND		980	780	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzo[a]anthracene	1800		980	98	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzo[a]pyrene	2200		980	140	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzo[b]fluoranthene	2900		980	160	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzo[g,h,i]perylene	1400		980	100	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5
Benzo[k]fluoranthene	1000		980	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:29	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		980	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Bis(2-chloroethoxy)methane	ND		980	210	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Bis(2-chloroethyl)ether	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
bis (2-chloroisopropyl) ether	ND		980	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Bis(2-ethylhexyl) phthalate	ND		980	330	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Bromophenyl phenyl ether	ND		980	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Butyl benzyl phthalate	ND		980	160	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Caprolactam	ND		980	290	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Carbazole	470	J	980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Chloroaniline	ND		980	240	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Chloro-3-methylphenol	ND		980	240	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Chloronaphthalene	ND		980	160	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Chlorophenol	ND		1900	180	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Chlorophenyl phenyl ether	ND		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Chrysene	2300		980	220	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Dibenz(a,h)anthracene	430	J	980	170	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Dibenzofuran	130	J	980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
3,3'-Dichlorobenzidine	ND		1900	1200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4-Dichlorophenol	ND		980	100	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Diethyl phthalate	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4-Dimethylphenol	ND		980	240	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Dimethyl phthalate	ND		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Di-n-butyl phthalate	ND		980	170	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4,6-Dinitro-2-methylphenol	ND		1900	980	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4-Dinitrophenol	ND		9600	4500	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4-Dinitrotoluene	ND		980	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,6-Dinitrotoluene	ND		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Di-n-octyl phthalate	ND		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Fluoranthene	6000		980	100	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Fluorene	230	J	980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Hexachlorobenzene	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Hexachlorobutadiene	ND		980	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Hexachlorocyclopentadiene	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Hexachloroethane	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Indeno[1,2,3-cd]pyrene	1400		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Isophorone	ND		980	210	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Methylnaphthalene	ND		980	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Methylphenol	ND		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Methylphenol	ND		1900	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Naphthalene	ND		980	130	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Nitroaniline	ND		1900	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
3-Nitroaniline	ND		1900	270	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Nitroaniline	ND		1900	510	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Nitrobenzene	ND		980	110	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2-Nitrophenol	ND		980	280	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
4-Nitrophenol	ND		1900	690	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
N-Nitrosodi-n-propylamine	ND		980	170	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
N-Nitrosodiphenylamine	ND		980	800	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Pentachlorophenol	ND		1900	980	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 86.1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	3100		980	140	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Phenol	ND		980	150	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
Pyrene	3600		980	120	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4,5-Trichlorophenol	ND		980	270	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5
2,4,6-Trichlorophenol	ND		980	200	ug/Kg	☆	09/16/22 08:32	09/21/22 14:29	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	90		60 - 120	09/16/22 08:32	09/21/22 14:29	5
2-Fluorophenol (Surr)	67		52 - 120	09/16/22 08:32	09/21/22 14:29	5
Nitrobenzene-d5 (Surr)	77		53 - 120	09/16/22 08:32	09/21/22 14:29	5
Phenol-d5 (Surr)	68		54 - 120	09/16/22 08:32	09/21/22 14:29	5
p-Terphenyl-d14 (Surr)	75	S1-	79 - 130	09/16/22 08:32	09/21/22 14:29	5
2,4,6-Tribromophenol (Surr)	80		54 - 120	09/16/22 08:32	09/21/22 14:29	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14300	B	11.4	5.0	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Antimony	1.0	J	17.0	0.45	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Arsenic	7.5		2.3	0.45	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Barium	79.5	B	0.57	0.12	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Beryllium	0.79	B	0.23	0.032	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Cadmium	0.45	B	0.23	0.034	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Calcium	38900	B	56.8	3.7	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Chromium	19.4		0.57	0.23	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Cobalt	7.2		0.57	0.057	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Copper	26.0		1.1	0.24	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Iron	17700	B	11.4	4.0	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Lead	127		1.1	0.27	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Magnesium	8440	B	22.7	1.1	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Manganese	443	B	0.23	0.036	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Nickel	20.4		5.7	0.26	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Potassium	3050		34.1	22.7	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Selenium	0.99	J	4.5	0.45	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Silver	ND		0.68	0.23	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Sodium	193		159	14.8	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Thallium	ND		6.8	0.34	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Vanadium	28.6		0.57	0.12	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1
Zinc	121		2.3	0.73	mg/Kg	☆	09/15/22 11:25	09/16/22 18:32	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.024	0.0055	mg/Kg	☆	09/15/22 10:09	09/15/22 14:18	1

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	29	4.8	ug/Kg	☆	09/18/22 17:23	09/19/22 04:18	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☆	09/18/22 17:23	09/19/22 04:18	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Bromomethane	ND	vs	5.7	0.52	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Carbon tetrachloride	ND	vs	5.7	0.56	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Chlorobenzene	ND	vs	5.7	0.76	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Chloroform	0.65	J B vs	5.7	0.36	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Chloromethane	ND	vs	5.7	0.35	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.83	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Dibromochloromethane	ND	vs	5.7	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2-Dibromoethane	ND	vs	5.7	0.74	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,3-Dichlorobenzene	ND	vs	5.7	0.30	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Ethylbenzene	ND	vs	5.7	0.40	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Isopropylbenzene	ND	vs	5.7	0.87	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Styrene	ND	vs	5.7	0.29	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1,1-Trichloroethane	ND	vs	5.7	0.42	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1,2-Trichloroethane	ND	vs	5.7	0.75	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1
Xylenes, Total	ND	vs	11	0.97	ug/Kg	✱	09/18/22 17:23	09/19/22 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		72 - 126	09/18/22 17:23	09/19/22 04:18	1
Dibromofluoromethane (Surr)	103		60 - 140	09/18/22 17:23	09/19/22 04:18	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		64 - 126	09/18/22 17:23	09/19/22 04:18	1
Toluene-d8 (Surr)	114		71 - 125	09/18/22 17:23	09/19/22 04:18	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Acenaphthylene	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Acetophenone	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Anthracene	ND		990	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Atrazine	ND		990	350	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzaldehyde	ND		990	790	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzo[a]anthracene	750	J	990	99	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzo[a]pyrene	990		990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzo[b]fluoranthene	1300		990	160	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzo[g,h,i]perylene	680	J	990	110	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Benzo[k]fluoranthene	480	J	990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Biphenyl	ND		990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Bis(2-chloroethoxy)methane	ND		990	210	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Bis(2-chloroethyl)ether	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
bis (2-chloroisopropyl) ether	ND		990	200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Bis(2-ethylhexyl) phthalate	ND		990	340	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Bromophenyl phenyl ether	ND		990	140	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Butyl benzyl phthalate	ND		990	160	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Caprolactam	ND		990	300	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Carbazole	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Chloroaniline	ND		990	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Chloro-3-methylphenol	ND		990	250	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Chloronaphthalene	ND		990	160	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Chlorophenol	ND		1900	180	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Chlorophenyl phenyl ether	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Chrysene	990		990	220	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Dibenz(a,h)anthracene	190	J	990	180	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Dibenzofuran	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
3,3'-Dichlorobenzidine	ND		1900	1200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4-Dichlorophenol	ND		990	110	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Diethyl phthalate	140	J B	990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4-Dimethylphenol	ND		990	240	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Dimethyl phthalate	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Di-n-butyl phthalate	ND		990	170	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4,6-Dinitro-2-methylphenol	ND		1900	990	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4-Dinitrophenol	ND		9700	4600	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4-Dinitrotoluene	ND		990	200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,6-Dinitrotoluene	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Di-n-octyl phthalate	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Fluoranthene	1900		990	110	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Fluorene	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Hexachlorobenzene	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Hexachlorobutadiene	ND		990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Hexachlorocyclopentadiene	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Indeno[1,2,3-cd]pyrene	630	J	990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Isophorone	ND		990	210	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Methylnaphthalene	ND		990	200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Methylphenol	ND		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Methylphenol	ND		1900	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Naphthalene	ND		990	130	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Nitroaniline	ND		1900	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
3-Nitroaniline	ND		1900	280	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Nitroaniline	ND		1900	520	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Nitrobenzene	ND		990	110	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2-Nitrophenol	ND		990	280	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
4-Nitrophenol	ND		1900	700	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
N-Nitrosodi-n-propylamine	ND		990	170	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
N-Nitrosodiphenylamine	ND		990	810	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Pentachlorophenol	ND		1900	990	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Phenanthrene	690	J	990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Phenol	ND		990	150	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
Pyrene	1200		990	120	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4,5-Trichlorophenol	ND		990	270	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5
2,4,6-Trichlorophenol	ND		990	200	ug/Kg	✱	09/16/22 08:32	09/21/22 14:54	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	86		60 - 120	09/16/22 08:32	09/21/22 14:54	5
2-Fluorophenol (Surr)	70		52 - 120	09/16/22 08:32	09/21/22 14:54	5
Nitrobenzene-d5 (Surr)	82		53 - 120	09/16/22 08:32	09/21/22 14:54	5
Phenol-d5 (Surr)	71		54 - 120	09/16/22 08:32	09/21/22 14:54	5
p-Terphenyl-d14 (Surr)	69	S1-	79 - 130	09/16/22 08:32	09/21/22 14:54	5
2,4,6-Tribromophenol (Surr)	77		54 - 120	09/16/22 08:32	09/21/22 14:54	5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17100	B	12.2	5.4	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Antimony	0.82	J	18.3	0.49	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Arsenic	7.0		2.4	0.49	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Barium	102	B	0.61	0.13	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Beryllium	0.78	B	0.24	0.034	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Cadmium	0.43	B	0.24	0.037	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Calcium	36600	B	60.8	4.0	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Chromium	22.3		0.61	0.24	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Cobalt	9.0		0.61	0.061	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Copper	24.1		1.2	0.26	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Iron	19000	B	12.2	4.3	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Lead	80.9		1.2	0.29	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Magnesium	11000	B	24.3	1.1	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Manganese	505	B	0.24	0.039	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Nickel	22.1		6.1	0.28	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Potassium	3900		36.5	24.3	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Selenium	0.90	J	4.9	0.49	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1
Silver	ND		0.73	0.24	mg/Kg	✱	09/15/22 11:25	09/16/22 18:36	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	215		170	15.8	mg/Kg	☆	09/15/22 11:25	09/16/22 18:36	1
Thallium	ND		7.3	0.37	mg/Kg	☆	09/15/22 11:25	09/16/22 18:36	1
Vanadium	33.2		0.61	0.13	mg/Kg	☆	09/15/22 11:25	09/16/22 18:36	1
Zinc	106		2.4	0.78	mg/Kg	☆	09/15/22 11:25	09/16/22 18:36	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.48		0.022	0.0051	mg/Kg	☆	09/15/22 10:09	09/15/22 14:22	1

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.7	J vs	26	4.4	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Benzene	ND	vs	5.2	0.25	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Bromodichloromethane	ND	vs	5.2	0.69	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
2-Butanone (MEK)	4.2	J vs	26	1.9	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Carbon tetrachloride	ND	vs	5.2	0.50	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Chlorobenzene	ND	vs	5.2	0.68	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Chloroform	0.53	J B vs	5.2	0.32	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Chloromethane	ND	vs	5.2	0.31	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.66	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.74	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Cyclohexane	ND	vs	5.2	0.72	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Dibromochloromethane	ND	vs	5.2	0.66	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,2-Dibromoethane	ND	vs	5.2	0.66	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,2-Dichlorobenzene	ND	vs	5.2	0.40	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,4-Dichlorobenzene	ND	vs	5.2	0.72	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,1-Dichloroethane	ND	vs	5.2	0.63	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,1-Dichloroethene	ND	vs	5.2	0.63	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Isopropylbenzene	ND	vs	5.2	0.78	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Methyl acetate	ND	vs	26	3.1	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Methylcyclohexane	ND	vs	5.2	0.79	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☆	09/18/22 17:23	09/19/22 04:43	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Tetrachloroethene	ND	vs	5.2	0.69	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Toluene	ND	vs	5.2	0.39	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.53	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.31	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
1,1,2-Trichloroethane	ND	vs	5.2	0.67	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Trichloroethene	ND	vs	5.2	1.1	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Trichlorofluoromethane	ND	vs	5.2	0.49	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Vinyl chloride	ND	vs	5.2	0.63	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1
Xylenes, Total	ND	vs	10	0.87	ug/Kg	✱	09/18/22 17:23	09/19/22 04:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 126	09/18/22 17:23	09/19/22 04:43	1
Dibromofluoromethane (Surr)	98		60 - 140	09/18/22 17:23	09/19/22 04:43	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	09/18/22 17:23	09/19/22 04:43	1
Toluene-d8 (Surr)	115		71 - 125	09/18/22 17:23	09/19/22 04:43	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1800	270	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Acenaphthylene	ND		1800	230	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Acetophenone	ND		1800	240	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Anthracene	ND		1800	450	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Atrazine	ND		1800	630	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzaldehyde	ND		1800	1400	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzo[a]anthracene	2000		1800	180	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzo[a]pyrene	2200		1800	270	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzo[b]fluoranthene	2400		1800	290	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzo[g,h,i]perylene	1100 J		1800	190	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Benzo[k]fluoranthene	1400 J		1800	230	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Biphenyl	ND		1800	270	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Bis(2-chloroethoxy)methane	ND		1800	380	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Bis(2-chloroethyl)ether	ND		1800	230	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
bis (2-chloroisopropyl) ether	ND		1800	360	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Bis(2-ethylhexyl) phthalate	ND		1800	620	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
4-Bromophenyl phenyl ether	ND		1800	250	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Butyl benzyl phthalate	ND		1800	300	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Caprolactam	ND		1800	540	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Carbazole	220 J		1800	210	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
4-Chloroaniline	ND		1800	450	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
4-Chloro-3-methylphenol	ND		1800	450	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
2-Chloronaphthalene	ND		1800	300	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
2-Chlorophenol	ND		3500	330	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
4-Chlorophenyl phenyl ether	ND		1800	220	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Chrysene	2100		1800	400	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Dibenz(a,h)anthracene	370 J		1800	320	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10
Dibenzofuran	ND		1800	210	ug/Kg	✱	09/16/22 08:32	09/21/22 15:19	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		3500	2100	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4-Dichlorophenol	ND		1800	190	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Diethyl phthalate	ND		1800	230	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4-Dimethylphenol	ND		1800	440	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Dimethyl phthalate	ND		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Di-n-butyl phthalate	ND		1800	310	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
4,6-Dinitro-2-methylphenol	ND		3500	1800	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4-Dinitrophenol	ND		18000	8300	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4-Dinitrotoluene	ND		1800	370	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,6-Dinitrotoluene	ND		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Di-n-octyl phthalate	ND		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Fluoranthene	4100		1800	190	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Fluorene	ND		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Hexachlorobenzene	ND		1800	240	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Hexachlorobutadiene	ND		1800	270	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Hexachlorocyclopentadiene	ND		1800	240	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Hexachloroethane	ND		1800	230	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Indeno[1,2,3-cd]pyrene	1100	J	1800	220	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Isophorone	ND		1800	380	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2-Methylnaphthalene	ND		1800	360	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2-Methylphenol	ND		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
4-Methylphenol	ND		3500	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Naphthalene	ND		1800	230	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2-Nitroaniline	ND		3500	270	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
3-Nitroaniline	ND		3500	500	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
4-Nitroaniline	ND		3500	950	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Nitrobenzene	ND		1800	200	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2-Nitrophenol	ND		1800	510	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
4-Nitrophenol	ND		3500	1300	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
N-Nitrosodi-n-propylamine	ND		1800	310	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
N-Nitrosodiphenylamine	ND		1800	1500	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Pentachlorophenol	ND		3500	1800	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Phenanthrene	1600	J	1800	270	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Phenol	ND		1800	280	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
Pyrene	3100		1800	210	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4,5-Trichlorophenol	ND		1800	490	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10
2,4,6-Trichlorophenol	ND		1800	360	ug/Kg	☆	09/16/22 08:32	09/21/22 15:19	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	75		60 - 120	09/16/22 08:32	09/21/22 15:19	10
2-Fluorophenol (Surr)	61		52 - 120	09/16/22 08:32	09/21/22 15:19	10
Nitrobenzene-d5 (Surr)	62		53 - 120	09/16/22 08:32	09/21/22 15:19	10
Phenol-d5 (Surr)	57		54 - 120	09/16/22 08:32	09/21/22 15:19	10
p-Terphenyl-d14 (Surr)	66	S1-	79 - 130	09/16/22 08:32	09/21/22 15:19	10
2,4,6-Tribromophenol (Surr)	65		54 - 120	09/16/22 08:32	09/21/22 15:19	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9300	B	11.1	4.9	mg/Kg	☆	09/15/22 11:25	09/16/22 19:00	1
Antimony	ND		33.3	0.89	mg/Kg	☆	09/15/22 11:25	09/21/22 14:56	2

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

Method: 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	16.7		2.2	0.44	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Barium	95.6	B	0.56	0.12	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Beryllium	0.49	B	0.22	0.031	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Cadmium	0.33	B	0.22	0.033	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Calcium	132000	B	111	7.3	mg/Kg	✱	09/15/22 11:25	09/21/22 14:56	2
Chromium	1520		2.8	1.1	mg/Kg	✱	09/15/22 11:25	09/21/22 15:00	5
Cobalt	5.1		0.56	0.056	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Copper	17.5		2.2	0.47	mg/Kg	✱	09/15/22 11:25	09/21/22 14:56	2
Iron	52300	B	11.1	3.9	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Lead	126		1.1	0.27	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Magnesium	20900	B	111	5.2	mg/Kg	✱	09/15/22 11:25	09/21/22 15:00	5
Manganese	20400	B	1.1	0.18	mg/Kg	✱	09/15/22 11:25	09/21/22 15:00	5
Nickel	13.9		5.6	0.26	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Potassium	1190		33.3	22.2	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Selenium	7.1		4.4	0.44	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Silver	2.6		0.67	0.22	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Sodium	133	J	156	14.4	mg/Kg	✱	09/15/22 11:25	09/16/22 19:00	1
Thallium	3.7	J	33.3	1.7	mg/Kg	✱	09/15/22 11:25	09/21/22 15:00	5
Vanadium	203		2.8	0.61	mg/Kg	✱	09/15/22 11:25	09/21/22 15:00	5
Zinc	103		4.4	1.4	mg/Kg	✱	09/15/22 11:25	09/21/22 14:56	2

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.12		0.021	0.0048	mg/Kg	✱	09/15/22 10:09	09/15/22 14:23	1

Surrogate Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-126)	DBFM (60-140)	DCA (64-126)	TOL (71-125)
480-201619-1	SS-01	86	100	105	113
480-201619-2	SS-02	88	101	104	111
480-201619-3	SS-03	86	101	106	115
480-201619-4	SS-04	83	103	106	114
480-201619-5	SS-05	82	98	104	115
LCS 480-641838/1-A	Lab Control Sample	94	99	102	108
MB 480-641838/2-A	Method Blank	94	100	105	104

Surrogate Legend

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (60-120)	2FP (52-120)	NBZ (53-120)	PHL (54-120)	TPHd14 (79-130)	TBP (54-120)
480-201619-1	SS-01	83	70	81	64	76 S1-	77
480-201619-2	SS-02	78	61	71	61	71 S1-	67
480-201619-3	SS-03	90	67	77	68	75 S1-	80
480-201619-4	SS-04	86	70	82	71	69 S1-	77
480-201619-5	SS-05	75	61	62	57	66 S1-	65
LCS 480-641680/2-A	Lab Control Sample	97	77	86	78	110	97
MB 480-641680/1-A	Method Blank	95	78	91	84	107	75

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

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

Lab Sample ID: MB 480-641838/2-A

Matrix: Solid

Analysis Batch: 641839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.2	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Benzene	ND		5.0	0.25	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Bromoform	ND		5.0	2.5	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Bromomethane	ND		5.0	0.45	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Chloroethane	ND		5.0	1.1	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Chloroform	0.443	J	5.0	0.31	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Chloromethane	ND		5.0	0.30	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Cyclohexane	ND		5.0	0.70	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
2-Hexanone	ND		25	2.5	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Methyl acetate	ND		25	3.0	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Styrene	ND		5.0	0.25	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Toluene	ND		5.0	0.38	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Trichloroethene	ND		5.0	1.1	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		09/18/22 17:23	09/18/22 20:59	1
Xylenes, Total	ND		10	0.84	ug/Kg		09/18/22 17:23	09/18/22 20:59	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

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

Lab Sample ID: MB 480-641838/2-A

Matrix: Solid

Analysis Batch: 641839

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641838

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 126	09/18/22 17:23	09/18/22 20:59	1
Dibromofluoromethane (Surr)	100		60 - 140	09/18/22 17:23	09/18/22 20:59	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	09/18/22 17:23	09/18/22 20:59	1
Toluene-d8 (Surr)	104		71 - 125	09/18/22 17:23	09/18/22 20:59	1

Lab Sample ID: LCS 480-641838/1-A

Matrix: Solid

Analysis Batch: 641839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	229		ug/Kg		92	61 - 137
Benzene	50.0	45.9		ug/Kg		92	79 - 127
Bromodichloromethane	50.0	46.6		ug/Kg		93	80 - 122
Bromoform	50.0	48.0		ug/Kg		96	68 - 126
Bromomethane	50.0	48.9		ug/Kg		98	37 - 149
2-Butanone (MEK)	250	246		ug/Kg		98	70 - 134
Carbon disulfide	50.0	42.8		ug/Kg		86	64 - 131
Carbon tetrachloride	50.0	43.7		ug/Kg		87	75 - 135
Chlorobenzene	50.0	46.7		ug/Kg		93	76 - 124
Chloroethane	50.0	49.8		ug/Kg		100	69 - 135
Chloroform	50.0	44.1		ug/Kg		88	80 - 120
Chloromethane	50.0	50.8		ug/Kg		102	63 - 127
cis-1,2-Dichloroethene	50.0	44.7		ug/Kg		89	81 - 120
cis-1,3-Dichloropropene	50.0	45.9		ug/Kg		92	80 - 120
Cyclohexane	50.0	47.7		ug/Kg		95	65 - 120
Dibromochloromethane	50.0	50.0		ug/Kg		100	76 - 125
1,2-Dibromo-3-Chloropropane	50.0	50.5		ug/Kg		101	63 - 124
1,2-Dibromoethane	50.0	46.4		ug/Kg		93	78 - 120
1,2-Dichlorobenzene	50.0	47.2		ug/Kg		94	75 - 120
1,3-Dichlorobenzene	50.0	47.5		ug/Kg		95	74 - 120
1,4-Dichlorobenzene	50.0	47.4		ug/Kg		95	73 - 120
Dichlorodifluoromethane	50.0	42.8		ug/Kg		86	57 - 142
1,1-Dichloroethane	50.0	46.6		ug/Kg		93	73 - 126
1,2-Dichloroethane	50.0	45.7		ug/Kg		91	77 - 122
1,1-Dichloroethene	50.0	42.7		ug/Kg		85	59 - 125
1,2-Dichloropropane	50.0	46.8		ug/Kg		94	75 - 124
Ethylbenzene	50.0	47.0		ug/Kg		94	80 - 120
2-Hexanone	250	268		ug/Kg		107	59 - 130
Isopropylbenzene	50.0	50.0		ug/Kg		100	72 - 120
Methyl acetate	100	94.4		ug/Kg		94	55 - 136
Methylcyclohexane	50.0	44.6		ug/Kg		89	60 - 140
Methylene Chloride	50.0	47.6		ug/Kg		95	61 - 127
4-Methyl-2-pentanone (MIBK)	250	264		ug/Kg		106	65 - 133
Methyl tert-butyl ether	50.0	45.3		ug/Kg		91	63 - 125
Styrene	50.0	45.1		ug/Kg		90	80 - 120
1,1,2,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	80 - 120
Tetrachloroethene	50.0	44.7		ug/Kg		89	74 - 122
Toluene	50.0	46.3		ug/Kg		93	74 - 128

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

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

Lab Sample ID: LCS 480-641838/1-A

Matrix: Solid

Analysis Batch: 641839

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	43.6		ug/Kg		87	78 - 126
trans-1,3-Dichloropropene	50.0	49.0		ug/Kg		98	73 - 123
1,2,4-Trichlorobenzene	50.0	46.1		ug/Kg		92	64 - 120
1,1,1-Trichloroethane	50.0	43.8		ug/Kg		88	77 - 121
1,1,2-Trichloroethane	50.0	48.4		ug/Kg		97	78 - 122
Trichloroethene	50.0	43.8		ug/Kg		88	77 - 129
Trichlorofluoromethane	50.0	46.5		ug/Kg		93	65 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.7		ug/Kg		83	60 - 140
Vinyl chloride	50.0	48.0		ug/Kg		96	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		72 - 126
Dibromofluoromethane (Surr)	99		60 - 140
1,2-Dichloroethane-d4 (Surr)	102		64 - 126
Toluene-d8 (Surr)	108		71 - 125

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-641680/1-A

Matrix: Solid

Analysis Batch: 642144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Acenaphthylene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Acetophenone	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Anthracene	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Atrazine	ND		170	58	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzaldehyde	ND		170	130	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[a]anthracene	ND		170	17	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[a]pyrene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[b]fluoranthene	ND		170	27	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Benzo[k]fluoranthene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Biphenyl	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-chloroethoxy)methane	ND		170	36	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-chloroethyl)ether	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
bis (2-chloroisopropyl) ether	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Bromophenyl phenyl ether	ND		170	24	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Butyl benzyl phthalate	ND		170	28	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Caprolactam	ND		170	50	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Carbazole	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chloroaniline	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chloro-3-methylphenol	ND		170	42	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Chloronaphthalene	ND		170	28	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Chlorophenol	ND		330	31	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Chlorophenyl phenyl ether	ND		170	21	ug/Kg		09/16/22 08:32	09/21/22 11:38	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-641680/1-A

Matrix: Solid

Analysis Batch: 642144

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641680

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		170	38	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dibenz(a,h)anthracene	ND		170	30	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dibenzofuran	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
3,3'-Dichlorobenzidine	ND		330	200	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Diethyl phthalate	208		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dimethylphenol	ND		170	41	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Dimethyl phthalate	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Di-n-butyl phthalate	ND		170	29	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4,6-Dinitro-2-methylphenol	ND		330	170	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dinitrophenol	ND		1600	780	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4-Dinitrotoluene	ND		170	35	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Fluoranthene	ND		170	18	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Fluorene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorobenzene	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorobutadiene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachlorocyclopentadiene	ND		170	23	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Hexachloroethane	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Indeno[1,2,3-cd]pyrene	ND		170	21	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Isophorone	ND		170	36	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Methylnaphthalene	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Methylphenol	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Methylphenol	ND		330	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Naphthalene	ND		170	22	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Nitroaniline	ND		330	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
3-Nitroaniline	ND		330	47	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Nitroaniline	ND		330	88	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Nitrobenzene	ND		170	19	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2-Nitrophenol	ND		170	47	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
4-Nitrophenol	ND		330	120	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
N-Nitrosodi-n-propylamine	ND		170	29	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
N-Nitrosodiphenylamine	ND		170	140	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Pentachlorophenol	ND		330	170	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Phenanthrene	ND		170	25	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Phenol	ND		170	26	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
Pyrene	ND		170	20	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4,5-Trichlorophenol	ND		170	46	ug/Kg		09/16/22 08:32	09/21/22 11:38	1
2,4,6-Trichlorophenol	ND		170	34	ug/Kg		09/16/22 08:32	09/21/22 11:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	95		60 - 120	09/16/22 08:32	09/21/22 11:38	1
2-Fluorophenol (Surr)	78		52 - 120	09/16/22 08:32	09/21/22 11:38	1
Nitrobenzene-d5 (Surr)	91		53 - 120	09/16/22 08:32	09/21/22 11:38	1
Phenol-d5 (Surr)	84		54 - 120	09/16/22 08:32	09/21/22 11:38	1
p-Terphenyl-d14 (Surr)	107		79 - 130	09/16/22 08:32	09/21/22 11:38	1
2,4,6-Tribromophenol (Surr)	75		54 - 120	09/16/22 08:32	09/21/22 11:38	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641680/2-A

Matrix: Solid

Analysis Batch: 642144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1650	1530		ug/Kg		93	62 - 120
Acenaphthylene	1650	1580		ug/Kg		96	58 - 121
Acetophenone	1650	1270		ug/Kg		77	54 - 120
Anthracene	1650	1540		ug/Kg		94	62 - 120
Atrazine	3300	2660		ug/Kg		81	60 - 127
Benzaldehyde	3300	2710		ug/Kg		82	10 - 150
Benzo[a]anthracene	1650	1480		ug/Kg		90	65 - 120
Benzo[a]pyrene	1650	1570		ug/Kg		95	64 - 120
Benzo[b]fluoranthene	1650	1600		ug/Kg		97	64 - 120
Benzo[g,h,i]perylene	1650	1510		ug/Kg		92	45 - 145
Benzo[k]fluoranthene	1650	1630		ug/Kg		99	65 - 120
Biphenyl	1650	1560		ug/Kg		95	59 - 120
Bis(2-chloroethoxy)methane	1650	1370		ug/Kg		83	55 - 120
Bis(2-chloroethyl)ether	1650	1300		ug/Kg		79	45 - 120
bis (2-chloroisopropyl) ether	1650	1220		ug/Kg		74	44 - 120
Bis(2-ethylhexyl) phthalate	1650	1470		ug/Kg		89	61 - 133
4-Bromophenyl phenyl ether	1650	1620		ug/Kg		98	58 - 120
Butyl benzyl phthalate	1650	1580		ug/Kg		96	61 - 129
Caprolactam	3300	2400		ug/Kg		73	47 - 120
Carbazole	1650	1550		ug/Kg		94	65 - 120
4-Chloroaniline	1650	1130		ug/Kg		69	38 - 120
4-Chloro-3-methylphenol	1650	1290		ug/Kg		78	61 - 120
2-Chloronaphthalene	1650	1580		ug/Kg		96	57 - 120
2-Chlorophenol	1650	1270		ug/Kg		77	53 - 120
4-Chlorophenyl phenyl ether	1650	1460		ug/Kg		88	63 - 124
Chrysene	1650	1570		ug/Kg		95	64 - 120
Dibenz(a,h)anthracene	1650	1520		ug/Kg		92	54 - 132
Dibenzofuran	1650	1500		ug/Kg		91	63 - 120
3,3'-Dichlorobenzidine	3300	2630		ug/Kg		80	54 - 120
2,4-Dichlorophenol	1650	1390		ug/Kg		84	61 - 120
Diethyl phthalate	1650	1370		ug/Kg		83	66 - 120
2,4-Dimethylphenol	1650	1380		ug/Kg		84	59 - 120
Dimethyl phthalate	1650	1450		ug/Kg		88	65 - 124
Di-n-butyl phthalate	1650	1480		ug/Kg		90	58 - 130
4,6-Dinitro-2-methylphenol	3300	3520		ug/Kg		107	49 - 122
2,4-Dinitrophenol	3300	3130		ug/Kg		95	41 - 146
2,4-Dinitrotoluene	1650	1480		ug/Kg		90	63 - 120
2,6-Dinitrotoluene	1650	1590		ug/Kg		96	66 - 120
Di-n-octyl phthalate	1650	1390		ug/Kg		84	57 - 133
Fluoranthene	1650	1470		ug/Kg		89	62 - 120
Fluorene	1650	1470		ug/Kg		89	63 - 120
Hexachlorobenzene	1650	1610		ug/Kg		98	60 - 120
Hexachlorobutadiene	1650	1360		ug/Kg		83	45 - 120
Hexachlorocyclopentadiene	1650	1560		ug/Kg		94	47 - 120
Hexachloroethane	1650	1200		ug/Kg		73	41 - 120
Indeno[1,2,3-cd]pyrene	1650	1540		ug/Kg		93	56 - 134
Isophorone	1650	1360		ug/Kg		82	56 - 120
2-Methylnaphthalene	1650	1270		ug/Kg		77	59 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-641680/2-A

Matrix: Solid

Analysis Batch: 642144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641680

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	1650	1250		ug/Kg		76	54 - 120
4-Methylphenol	1650	1280		ug/Kg		77	55 - 120
Naphthalene	1650	1350		ug/Kg		82	55 - 120
2-Nitroaniline	1650	1520		ug/Kg		92	61 - 120
3-Nitroaniline	1650	1240		ug/Kg		75	48 - 120
4-Nitroaniline	1650	1340		ug/Kg		81	56 - 120
Nitrobenzene	1650	1400		ug/Kg		85	54 - 120
2-Nitrophenol	1650	1500		ug/Kg		91	56 - 120
4-Nitrophenol	3300	2640		ug/Kg		80	43 - 147
N-Nitrosodi-n-propylamine	1650	1280		ug/Kg		77	52 - 120
N-Nitrosodiphenylamine	1650	1620		ug/Kg		98	51 - 128
Pentachlorophenol	3300	2650		ug/Kg		80	51 - 120
Phenanthrene	1650	1550		ug/Kg		94	60 - 120
Phenol	1650	1280		ug/Kg		78	53 - 120
Pyrene	1650	1840		ug/Kg		112	61 - 133
2,4,5-Trichlorophenol	1650	1580		ug/Kg		96	59 - 126
2,4,6-Trichlorophenol	1650	1640		ug/Kg		100	59 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	97		60 - 120
2-Fluorophenol (Surr)	77		52 - 120
Nitrobenzene-d5 (Surr)	86		53 - 120
Phenol-d5 (Surr)	78		54 - 120
p-Terphenyl-d14 (Surr)	110		79 - 130
2,4,6-Tribromophenol (Surr)	97		54 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-641524/1-A

Matrix: Solid

Analysis Batch: 641879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13.39		9.8	4.3	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Antimony	ND		14.8	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Arsenic	ND		2.0	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Barium	0.118	J	0.49	0.11	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Beryllium	0.0345	J	0.20	0.028	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Cadmium	0.0394	J	0.20	0.030	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Calcium	7.25	J	49.2	3.2	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Chromium	ND		0.49	0.20	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Cobalt	ND		0.49	0.049	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Copper	ND		0.98	0.21	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Iron	15.62		9.8	3.4	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Lead	ND		0.98	0.24	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Magnesium	5.08	J	19.7	0.91	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Manganese	0.367		0.20	0.032	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Nickel	ND		4.9	0.23	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Potassium	ND		29.5	19.7	mg/Kg		09/15/22 11:25	09/16/22 16:41	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-641524/1-A

Matrix: Solid

Analysis Batch: 641879

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 641524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		3.9	0.39	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Silver	ND		0.59	0.20	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Sodium	ND		138	12.8	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Thallium	ND		5.9	0.30	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Vanadium	ND		0.49	0.11	mg/Kg		09/15/22 11:25	09/16/22 16:41	1
Zinc	ND		2.0	0.63	mg/Kg		09/15/22 11:25	09/16/22 16:41	1

Lab Sample ID: LCSSRM 480-641524/2-A

Matrix: Solid

Analysis Batch: 641879

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 641524

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9942		mg/Kg		115.2	50.6 - 149.5
Antimony	129	81.19		mg/Kg		62.9	19.8 - 250.4
Arsenic	84.5	73.47		mg/Kg		87.0	70.1 - 130.2
Barium	249	224.9		mg/Kg		90.3	75.1 - 124.9
Beryllium	163	150.3		mg/Kg		92.2	74.8 - 125.2
Cadmium	99.0	87.25		mg/Kg		88.1	74.9 - 125.3
Calcium	4760	4285		mg/Kg		90.0	72.7 - 127.5
Chromium	122	107.2		mg/Kg		87.8	70.2 - 130.3
Cobalt	61.7	61.15		mg/Kg		99.1	75.0 - 125.1
Copper	61.5	53.43		mg/Kg		86.9	75.0 - 124.9
Iron	14500	13350		mg/Kg		92.0	35.8 - 164.1
Lead	123	121.0		mg/Kg		98.4	71.8 - 128.5
Magnesium	2360	2207		mg/Kg		93.5	62.7 - 137.7
Manganese	456	400.1		mg/Kg		87.7	76.8 - 123.5
Nickel	135	133.5		mg/Kg		98.9	70.1 - 130.4
Potassium	2090	2329		mg/Kg		111.4	59.3 - 140.7
Selenium	121	103.3		mg/Kg		85.4	66.4 - 133.9
Silver	33.6	36.67		mg/Kg		109.1	68.5 - 131.3
Sodium	136	155.1		mg/Kg		114.0	35.4 - 164.0
Thallium	144	149.8		mg/Kg		104.0	70.1 - 129.9
Vanadium	186	161.5		mg/Kg		86.8	74.2 - 126.3

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-641524/2-A
Matrix: Solid
Analysis Batch: 641879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641524

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	295	240.6		mg/Kg		81.6	70.2 - 130.2

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-641437/1-A
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 641437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.020	0.0045	mg/Kg		09/15/22 10:09	09/15/22 14:13	1

Lab Sample ID: LCSSRM 480-641437/2-A ^10
Matrix: Solid
Analysis Batch: 641616

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 641437

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	18.9	17.87		mg/Kg		94.6	59.8 - 139.7

QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

GC/MS VOA

Prep Batch: 641838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	5035A_L	
480-201619-2	SS-02	Total/NA	Solid	5035A_L	
480-201619-3	SS-03	Total/NA	Solid	5035A_L	
480-201619-4	SS-04	Total/NA	Solid	5035A_L	
480-201619-5	SS-05	Total/NA	Solid	5035A_L	
MB 480-641838/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-641838/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 641839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	8260C	641838
480-201619-2	SS-02	Total/NA	Solid	8260C	641838
480-201619-3	SS-03	Total/NA	Solid	8260C	641838
480-201619-4	SS-04	Total/NA	Solid	8260C	641838
480-201619-5	SS-05	Total/NA	Solid	8260C	641838
MB 480-641838/2-A	Method Blank	Total/NA	Solid	8260C	641838
LCS 480-641838/1-A	Lab Control Sample	Total/NA	Solid	8260C	641838

GC/MS Semi VOA

Prep Batch: 641680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	3550C	
480-201619-2	SS-02	Total/NA	Solid	3550C	
480-201619-3	SS-03	Total/NA	Solid	3550C	
480-201619-4	SS-04	Total/NA	Solid	3550C	
480-201619-5	SS-05	Total/NA	Solid	3550C	
MB 480-641680/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-641680/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 642144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	8270D	641680
480-201619-2	SS-02	Total/NA	Solid	8270D	641680
480-201619-3	SS-03	Total/NA	Solid	8270D	641680
480-201619-4	SS-04	Total/NA	Solid	8270D	641680
480-201619-5	SS-05	Total/NA	Solid	8270D	641680
MB 480-641680/1-A	Method Blank	Total/NA	Solid	8270D	641680
LCS 480-641680/2-A	Lab Control Sample	Total/NA	Solid	8270D	641680

Metals

Prep Batch: 641437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	7471B	
480-201619-2	SS-02	Total/NA	Solid	7471B	
480-201619-3	SS-03	Total/NA	Solid	7471B	
480-201619-4	SS-04	Total/NA	Solid	7471B	
480-201619-5	SS-05	Total/NA	Solid	7471B	
MB 480-641437/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-641437/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	

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QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Metals

Prep Batch: 641524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	3050B	
480-201619-2	SS-02	Total/NA	Solid	3050B	
480-201619-3	SS-03	Total/NA	Solid	3050B	
480-201619-4	SS-04	Total/NA	Solid	3050B	
480-201619-5	SS-05	Total/NA	Solid	3050B	
MB 480-641524/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-641524/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 641616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	7471B	641437
480-201619-2	SS-02	Total/NA	Solid	7471B	641437
480-201619-3	SS-03	Total/NA	Solid	7471B	641437
480-201619-4	SS-04	Total/NA	Solid	7471B	641437
480-201619-5	SS-05	Total/NA	Solid	7471B	641437
MB 480-641437/1-A	Method Blank	Total/NA	Solid	7471B	641437
LCSSRM 480-641437/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	641437

Analysis Batch: 641879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	6010C	641524
480-201619-2	SS-02	Total/NA	Solid	6010C	641524
480-201619-3	SS-03	Total/NA	Solid	6010C	641524
480-201619-4	SS-04	Total/NA	Solid	6010C	641524
480-201619-5	SS-05	Total/NA	Solid	6010C	641524
MB 480-641524/1-A	Method Blank	Total/NA	Solid	6010C	641524
LCSSRM 480-641524/2-A	Lab Control Sample	Total/NA	Solid	6010C	641524

Analysis Batch: 642359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-5	SS-05	Total/NA	Solid	6010C	641524
480-201619-5	SS-05	Total/NA	Solid	6010C	641524

General Chemistry

Analysis Batch: 641438

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-201619-1	SS-01	Total/NA	Solid	Moisture	
480-201619-2	SS-02	Total/NA	Solid	Moisture	
480-201619-3	SS-03	Total/NA	Solid	Moisture	
480-201619-4	SS-04	Total/NA	Solid	Moisture	
480-201619-5	SS-05	Total/NA	Solid	Moisture	

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-01

Lab Sample ID: 480-201619-1

Date Collected: 09/14/22 10:30

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 88.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641838	CDC	EET BUF	09/18/22 17:23
Total/NA	Analysis	8260C		1	641839	CDC	EET BUF	09/19/22 03:06
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 13:39
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:25
Total/NA	Prep	7471B			641437	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:15

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-02

Lab Sample ID: 480-201619-2

Date Collected: 09/14/22 10:35

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641838	CDC	EET BUF	09/18/22 17:23
Total/NA	Analysis	8260C		1	641839	CDC	EET BUF	09/19/22 03:30
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 14:04
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:29
Total/NA	Prep	7471B			641437	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:17

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

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Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-03

Lab Sample ID: 480-201619-3

Date Collected: 09/14/22 10:40

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 86.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641838	CDC	EET BUF	09/18/22 17:23
Total/NA	Analysis	8260C		1	641839	CDC	EET BUF	09/19/22 03:54
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 14:29
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:32
Total/NA	Prep	7471B			641437	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:18

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:42

Client Sample ID: SS-04

Lab Sample ID: 480-201619-4

Date Collected: 09/14/22 10:45

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 84.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641838	CDC	EET BUF	09/18/22 17:23
Total/NA	Analysis	8260C		1	641839	CDC	EET BUF	09/19/22 04:18
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		5	642144	JMM	EET BUF	09/21/22 14:54
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 18:36
Total/NA	Prep	7471B			641437	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:22

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	641438	JMM	EET BUF	09/14/22 15:45

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			641838	CDC	EET BUF	09/18/22 17:23
Total/NA	Analysis	8260C		1	641839	CDC	EET BUF	09/19/22 04:43
Total/NA	Prep	3550C			641680	MS	EET BUF	09/16/22 08:32
Total/NA	Analysis	8270D		10	642144	JMM	EET BUF	09/21/22 15:19

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Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Client Sample ID: SS-05

Lab Sample ID: 480-201619-5

Date Collected: 09/14/22 10:50

Matrix: Solid

Date Received: 09/14/22 11:30

Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		1	641879	LMH	EET BUF	09/16/22 19:00
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		2	642359	LMH	EET BUF	09/21/22 14:56
Total/NA	Prep	3050B			641524	VAK	EET BUF	09/15/22 11:25
Total/NA	Analysis	6010C		5	642359	LMH	EET BUF	09/21/22 15:00
Total/NA	Prep	7471B			641437	NVK	EET BUF	09/15/22 10:09
Total/NA	Analysis	7471B		1	641616	NVK	EET BUF	09/15/22 14:23

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: C&S Engineers, Inc.

Job ID: 480-201619-1

Project/Site: Kensington and Bailey Ave Properties

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

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

Method Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

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:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-201619-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-201619-1	SS-01	Solid	09/14/22 10:30	09/14/22 11:30
480-201619-2	SS-02	Solid	09/14/22 10:35	09/14/22 11:30
480-201619-3	SS-03	Solid	09/14/22 10:40	09/14/22 11:30
480-201619-4	SS-04	Solid	09/14/22 10:45	09/14/22 11:30
480-201619-5	SS-05	Solid	09/14/22 10:50	09/14/22 11:30

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Client Information		Lab PM: Hartmann, Steve		Camer Tracking No(s): 480-176982-37971.1	
Client Contact: Cody Martin		E-Mail: Steve.Hartmann@eurofinsus.com		Page: Page 1 of 1	
Company: C&S Engineers, Inc.		PWSID		Job #	
Address: 141 Elm Street Suite 100		Analysis Requested			
City: Buffalo		Due Date Requested:			
State, Zip: NY, 14203		TAT Requested (day's): Standard			
Phone: 716-847-1630(Tel)		Compliance Project: Δ Yes Δ No			
Email: cmartin@cscos.com		PO # Q63 002.002			
Project Name: Kensington and Bailey Ave Properties		WO #			
Site		SSOW#			
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=other)
SS-01	9/14/22	10:30	G	Solid	
SS-02	10:35			Solid	
SS-03	10:40			Solid	
SS-04	10:45			Solid	
SS-05	10:50			Solid	
Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8601C, 7471B	
8270D - TCL SVOCs		8260C - TCL VOCs		Total Number of containers	
Special Instructions/Note:		Preservation Codes:			
		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Y - Trizma Z - other (specify) Other:			
Barcode		480-201619 Chain of Custody			
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/OC Requirements:		Method of Shipment:			
Received by: [Signature]		Date/Time: 9/14/22 11:30		Company: [Signature]	
Received by: [Signature]		Date/Time: 9/14/22 11:30		Company: [Signature]	
Received by: [Signature]		Date/Time: 9/14/22 11:30		Company: [Signature]	
Cooler Temperature(s) °C and Other Remarks:		13.2 °C			

Login Sample Receipt Checklist

Client: C&S Engineers, Inc.

Job Number: 480-201619-1

Login Number: 201619

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	C&S
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-202325-1

Client Project/Site: Kensington and Bailey Ave Properties

For:

C&S Engineers, Inc.
141 Elm Street
Suite 100
Buffalo, New York 14203

Attn: Cody Martin



Authorized for release by:
10/13/2022 11:42:06 AM

Steve Hartmann, Project Manager
(413)572-4000
Steve.Hartmann@et.eurofinsus.com

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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.

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Definitions/Glossary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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)

Eurofins Buffalo

Definitions/Glossary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Job ID: 480-202325-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-202325-1

Comments

No additional comments.

Receipt

The samples were received on 10/4/2022 5:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 20.8° C.

GC/MS VOA

Method 8260C: Internal standard responses were outside of acceptance limits for the following sample: SB-6 (480-202325-4). The sample(s) shows evidence of matrix interference.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644346 recovered above the upper control limit for Chloromethane and Vinyl chloride. The sample(s) associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: SB-12 (480-202325-9).

Method 8260C: Internal standard (ISTD) response for the following sample was outside control limits: SB-12 (480-202325-9). The sample(s) was re-extracted and/or re-analyzed and ISTD response was outside control limits.

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-644205 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: Six surrogates are used for this analysis. The laboratory's SOP allows one acid and one base of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following samples contained an allowable number of surrogate compounds outside limits: SB-8 (480-202325-6) and (480-202325-A-1-A MS). These results have been reported and qualified.

Method 8270D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 480-644144 and analytical batch 480-644205 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected.

Method 8270D: The following samples were diluted due to color, appearance, and viscosity: SB-2 (480-202325-2), SB-4 (480-202325-3), SB-8 (480-202325-6) and SB-12 (480-202325-9). Elevated reporting limits (RL) are provided.

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-644396 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-644396 recovered above the upper control limit for bis (2-chloroisopropyl) ether. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: GWSB-3 (480-202325-10).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-644396 recovered outside acceptance criteria, low biased, for Hexachlorobutadiene, Hexachlorocyclopentadiene and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-644189 and analytical batch 480-644396 recovered outside control limits for the following analytes: Carbazole and 4-Nitroaniline. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Case Narrative

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Job ID: 480-202325-1 (Continued)

Laboratory: Eurofins Buffalo (Continued)

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

Metals

Method 6010C: The method blank for preparation batch 480-644092 and analytical batch 480-644401 contained Chromium above the reporting limit (RL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

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

Organic Prep

Method 3510C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: GWSB-3 (480-202325-10). The reporting limits (RLs) have been adjusted proportionately.

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

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Lab Sample ID: 480-202325-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	35	J	190	19	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	72	J	190	29	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	110	J	190	31	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	83	J	190	21	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	41	J	190	25	ug/Kg	1	✱	8270D	Total/NA
Chrysene	65	J	190	43	ug/Kg	1	✱	8270D	Total/NA
Diethyl phthalate	110	J B	190	25	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	66	J	190	21	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	60	J	190	24	ug/Kg	1	✱	8270D	Total/NA
Pyrene	56	J	190	23	ug/Kg	1	✱	8270D	Total/NA
Aluminum	8480		12.0	5.3	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.54	J	18.0	0.48	mg/Kg	1	✱	6010C	Total/NA
Arsenic	7.2		2.4	0.48	mg/Kg	1	✱	6010C	Total/NA
Barium	95.0		0.60	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.39		0.24	0.034	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.25		0.24	0.036	mg/Kg	1	✱	6010C	Total/NA
Calcium	79400		60.1	4.0	mg/Kg	1	✱	6010C	Total/NA
Chromium	10.7	B	0.60	0.24	mg/Kg	1	✱	6010C	Total/NA
Cobalt	4.4		0.60	0.060	mg/Kg	1	✱	6010C	Total/NA
Copper	16.3		1.2	0.25	mg/Kg	1	✱	6010C	Total/NA
Iron	10600	B	12.0	4.2	mg/Kg	1	✱	6010C	Total/NA
Lead	382		1.2	0.29	mg/Kg	1	✱	6010C	Total/NA
Magnesium	25000	B	24.1	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	320	B	0.24	0.038	mg/Kg	1	✱	6010C	Total/NA
Nickel	13.1		6.0	0.28	mg/Kg	1	✱	6010C	Total/NA
Potassium	1870		36.1	24.1	mg/Kg	1	✱	6010C	Total/NA
Sodium	195		168	15.6	mg/Kg	1	✱	6010C	Total/NA
Vanadium	16.3		0.60	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	70.4		2.4	0.77	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.011	J	0.024	0.0056	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-2

Lab Sample ID: 480-202325-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.0	J vs	29	4.8	ug/Kg	1	✱	8260C	Total/NA
Chloroform	0.35	J vs	5.7	0.35	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	310	J	2000	200	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	360	J	2000	310	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	210	J	2000	210	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	670	J	2000	210	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	610	J	2000	290	ug/Kg	10	✱	8270D	Total/NA
Pyrene	470	J	2000	230	ug/Kg	10	✱	8270D	Total/NA
Aluminum	9870		11.7	5.1	mg/Kg	1	✱	6010C	Total/NA
Arsenic	5.7		2.3	0.47	mg/Kg	1	✱	6010C	Total/NA
Barium	46.5		0.58	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.49		0.23	0.033	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.26		0.23	0.035	mg/Kg	1	✱	6010C	Total/NA
Calcium	21900		58.4	3.9	mg/Kg	1	✱	6010C	Total/NA
Chromium	14.5	B	0.58	0.23	mg/Kg	1	✱	6010C	Total/NA
Cobalt	7.7		0.58	0.058	mg/Kg	1	✱	6010C	Total/NA
Copper	15.6		1.2	0.25	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-2 (Continued)

Lab Sample ID: 480-202325-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	13300	B	11.7	4.1	mg/Kg	1	✱	6010C	Total/NA
Lead	31.9		1.2	0.28	mg/Kg	1	✱	6010C	Total/NA
Magnesium	6370	B	23.4	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	200	B	0.23	0.037	mg/Kg	1	✱	6010C	Total/NA
Nickel	19.6		5.8	0.27	mg/Kg	1	✱	6010C	Total/NA
Potassium	1940		35.1	23.4	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.52	J	4.7	0.47	mg/Kg	1	✱	6010C	Total/NA
Sodium	118	J	164	15.2	mg/Kg	1	✱	6010C	Total/NA
Vanadium	21.1		0.58	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	69.4		2.3	0.75	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.063		0.024	0.0056	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-4

Lab Sample ID: 480-202325-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.7	J vs	27	4.6	ug/Kg	1	✱	8260C	Total/NA
Benzene	0.45	J vs	5.4	0.27	ug/Kg	1	✱	8260C	Total/NA
2-Butanone (MEK)	2.7	J vs	27	2.0	ug/Kg	1	✱	8260C	Total/NA
Chloroform	0.35	J vs	5.4	0.34	ug/Kg	1	✱	8260C	Total/NA
Cyclohexane	2.0	J vs	5.4	0.76	ug/Kg	1	✱	8260C	Total/NA
Methylcyclohexane	2.2	J vs	5.4	0.82	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.65	J vs	5.4	0.41	ug/Kg	1	✱	8260C	Total/NA
Xylenes, Total	1.1	J vs	11	0.91	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	570	J	1900	190	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]pyrene	710	J	1900	270	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	940	J	1900	290	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	620	J	1900	200	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	410	J	1900	240	ug/Kg	10	✱	8270D	Total/NA
Chrysene	790	J	1900	410	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	1500	J	1900	200	ug/Kg	10	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	530	J	1900	230	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	650	J	1900	270	ug/Kg	10	✱	8270D	Total/NA
Pyrene	1100	J	1900	220	ug/Kg	10	✱	8270D	Total/NA
Aluminum	10500		11.4	5.0	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.78	J	17.1	0.46	mg/Kg	1	✱	6010C	Total/NA
Arsenic	4.5		2.3	0.46	mg/Kg	1	✱	6010C	Total/NA
Barium	65.4		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.51		0.23	0.032	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.48		0.23	0.034	mg/Kg	1	✱	6010C	Total/NA
Calcium	56500		57.0	3.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	15.8	B	0.57	0.23	mg/Kg	1	✱	6010C	Total/NA
Cobalt	5.8		0.57	0.057	mg/Kg	1	✱	6010C	Total/NA
Copper	23.6		1.1	0.24	mg/Kg	1	✱	6010C	Total/NA
Iron	12900	B	11.4	4.0	mg/Kg	1	✱	6010C	Total/NA
Lead	102		1.1	0.27	mg/Kg	1	✱	6010C	Total/NA
Magnesium	11400	B	22.8	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	346	B	0.23	0.036	mg/Kg	1	✱	6010C	Total/NA
Nickel	15.5		5.7	0.26	mg/Kg	1	✱	6010C	Total/NA
Potassium	2470		34.2	22.8	mg/Kg	1	✱	6010C	Total/NA
Sodium	431		160	14.8	mg/Kg	1	✱	6010C	Total/NA
Vanadium	22.0		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-4 (Continued)

Lab Sample ID: 480-202325-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	105		2.3	0.73	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.11		0.021	0.0049	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-6

Lab Sample ID: 480-202325-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	310	vs	30	5.0	ug/Kg	1	✱	8260C	Total/NA
2-Butanone (MEK)	57	vs	30	2.2	ug/Kg	1	✱	8260C	Total/NA
Carbon disulfide	13	vs	5.9	3.0	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.46	J vs	5.9	0.45	ug/Kg	1	✱	8260C	Total/NA
Acenaphthene	280		200	30	ug/Kg	1	✱	8270D	Total/NA
Anthracene	790		200	50	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]anthracene	680		200	20	ug/Kg	1	✱	8270D	Total/NA
Benzo[a]pyrene	560		200	30	ug/Kg	1	✱	8270D	Total/NA
Benzo[b]fluoranthene	630		200	32	ug/Kg	1	✱	8270D	Total/NA
Benzo[g,h,i]perylene	280		200	21	ug/Kg	1	✱	8270D	Total/NA
Benzo[k]fluoranthene	260		200	26	ug/Kg	1	✱	8270D	Total/NA
Biphenyl	56	J	200	30	ug/Kg	1	✱	8270D	Total/NA
Carbazole	350		200	24	ug/Kg	1	✱	8270D	Total/NA
Chrysene	660		200	45	ug/Kg	1	✱	8270D	Total/NA
Dibenz(a,h)anthracene	84	J	200	35	ug/Kg	1	✱	8270D	Total/NA
Dibenzofuran	430		200	24	ug/Kg	1	✱	8270D	Total/NA
Diethyl phthalate	100	J B	200	26	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	1700		200	21	ug/Kg	1	✱	8270D	Total/NA
Fluorene	530		200	24	ug/Kg	1	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	300		200	25	ug/Kg	1	✱	8270D	Total/NA
2-Methylnaphthalene	210		200	40	ug/Kg	1	✱	8270D	Total/NA
Naphthalene	470		200	26	ug/Kg	1	✱	8270D	Total/NA
Phenanthrene	2400		200	30	ug/Kg	1	✱	8270D	Total/NA
Pyrene	1200		200	24	ug/Kg	1	✱	8270D	Total/NA
Aluminum	9320		11.4	5.0	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.81	J	17.2	0.46	mg/Kg	1	✱	6010C	Total/NA
Arsenic	4.6		2.3	0.46	mg/Kg	1	✱	6010C	Total/NA
Barium	221		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.70		0.23	0.032	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.35		0.23	0.034	mg/Kg	1	✱	6010C	Total/NA
Calcium	39300		57.2	3.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	25.1	B	0.57	0.23	mg/Kg	1	✱	6010C	Total/NA
Cobalt	8.4		0.57	0.057	mg/Kg	1	✱	6010C	Total/NA
Copper	35.3		1.1	0.24	mg/Kg	1	✱	6010C	Total/NA
Iron	13600	B	11.4	4.0	mg/Kg	1	✱	6010C	Total/NA
Lead	156		1.1	0.27	mg/Kg	1	✱	6010C	Total/NA
Magnesium	8400	B	22.9	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	277	B	0.23	0.037	mg/Kg	1	✱	6010C	Total/NA
Nickel	18.8		5.7	0.26	mg/Kg	1	✱	6010C	Total/NA
Potassium	2140		34.3	22.9	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.55	J	4.6	0.46	mg/Kg	1	✱	6010C	Total/NA
Sodium	282		160	14.9	mg/Kg	1	✱	6010C	Total/NA
Vanadium	20.4		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	134		2.3	0.73	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.28		0.024	0.0055	mg/Kg	1	✱	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-7

Lab Sample ID: 480-202325-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	93	J B	190	25	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	22	J	190	20	ug/Kg	1	✱	8270D	Total/NA
Aluminum	11500		11.4	5.0	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.57	J	17.1	0.46	mg/Kg	1	✱	6010C	Total/NA
Arsenic	3.9		2.3	0.46	mg/Kg	1	✱	6010C	Total/NA
Barium	114		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.53		0.23	0.032	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.22	J	0.23	0.034	mg/Kg	1	✱	6010C	Total/NA
Calcium	51200		57.1	3.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	14.6	B	0.57	0.23	mg/Kg	1	✱	6010C	Total/NA
Cobalt	8.0		0.57	0.057	mg/Kg	1	✱	6010C	Total/NA
Copper	21.4		1.1	0.24	mg/Kg	1	✱	6010C	Total/NA
Iron	14900	B	11.4	4.0	mg/Kg	1	✱	6010C	Total/NA
Lead	15.4		1.1	0.27	mg/Kg	1	✱	6010C	Total/NA
Magnesium	18100	B	22.8	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	413	B	0.23	0.037	mg/Kg	1	✱	6010C	Total/NA
Nickel	17.3		5.7	0.26	mg/Kg	1	✱	6010C	Total/NA
Potassium	3720		34.3	22.8	mg/Kg	1	✱	6010C	Total/NA
Sodium	229		160	14.8	mg/Kg	1	✱	6010C	Total/NA
Vanadium	22.5		0.57	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	64.3		2.3	0.73	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.017	J	0.022	0.0051	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-8

Lab Sample ID: 480-202325-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13	J vs	29	4.8	ug/Kg	1	✱	8260C	Total/NA
Chloroform	0.38	J vs	5.7	0.35	ug/Kg	1	✱	8260C	Total/NA
Toluene	0.56	J vs	5.7	0.43	ug/Kg	1	✱	8260C	Total/NA
Anthracene	650	J	1900	480	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]anthracene	2300		1900	190	ug/Kg	10	✱	8270D	Total/NA
Benzo[a]pyrene	2100		1900	290	ug/Kg	10	✱	8270D	Total/NA
Benzo[b]fluoranthene	2600		1900	310	ug/Kg	10	✱	8270D	Total/NA
Benzo[g,h,i]perylene	1200	J	1900	210	ug/Kg	10	✱	8270D	Total/NA
Benzo[k]fluoranthene	1000	J	1900	250	ug/Kg	10	✱	8270D	Total/NA
Carbazole	330	J	1900	230	ug/Kg	10	✱	8270D	Total/NA
Chrysene	2300		1900	440	ug/Kg	10	✱	8270D	Total/NA
Dibenz(a,h)anthracene	400	J	1900	340	ug/Kg	10	✱	8270D	Total/NA
Fluoranthene	4900		1900	210	ug/Kg	10	✱	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	1200	J	1900	240	ug/Kg	10	✱	8270D	Total/NA
Phenanthrene	2800		1900	290	ug/Kg	10	✱	8270D	Total/NA
Pyrene	3800		1900	230	ug/Kg	10	✱	8270D	Total/NA
Aluminum	11000		12.4	5.5	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.87	J	18.7	0.50	mg/Kg	1	✱	6010C	Total/NA
Arsenic	7.9		2.5	0.50	mg/Kg	1	✱	6010C	Total/NA
Barium	94.1		0.62	0.14	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.58		0.25	0.035	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.42		0.25	0.037	mg/Kg	1	✱	6010C	Total/NA
Calcium	108000		62.2	4.1	mg/Kg	1	✱	6010C	Total/NA
Chromium	22.3	B	0.62	0.25	mg/Kg	1	✱	6010C	Total/NA
Cobalt	4.8		0.62	0.062	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-8 (Continued)

Lab Sample ID: 480-202325-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	26.8		1.2	0.26	mg/Kg	1	✱	6010C	Total/NA
Iron	14700	B	12.4	4.4	mg/Kg	1	✱	6010C	Total/NA
Lead	149		1.2	0.30	mg/Kg	1	✱	6010C	Total/NA
Magnesium	9490	B	24.9	1.2	mg/Kg	1	✱	6010C	Total/NA
Manganese	684	B	0.25	0.040	mg/Kg	1	✱	6010C	Total/NA
Nickel	14.2		6.2	0.29	mg/Kg	1	✱	6010C	Total/NA
Potassium	2160		37.3	24.9	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.78	J	5.0	0.50	mg/Kg	1	✱	6010C	Total/NA
Sodium	408		174	16.2	mg/Kg	1	✱	6010C	Total/NA
Vanadium	26.6		0.62	0.14	mg/Kg	1	✱	6010C	Total/NA
Zinc	131		2.5	0.80	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.17		0.024	0.0056	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-9

Lab Sample ID: 480-202325-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diethyl phthalate	43	J B	190	25	ug/Kg	1	✱	8270D	Total/NA
Aluminum	14100		11.6	5.1	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.46	J	17.4	0.46	mg/Kg	1	✱	6010C	Total/NA
Arsenic	2.9		2.3	0.46	mg/Kg	1	✱	6010C	Total/NA
Barium	117		0.58	0.13	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.58		0.23	0.032	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.28		0.23	0.035	mg/Kg	1	✱	6010C	Total/NA
Calcium	57200		58.0	3.8	mg/Kg	1	✱	6010C	Total/NA
Chromium	17.0	B	0.58	0.23	mg/Kg	1	✱	6010C	Total/NA
Cobalt	8.1		0.58	0.058	mg/Kg	1	✱	6010C	Total/NA
Copper	15.3		1.2	0.24	mg/Kg	1	✱	6010C	Total/NA
Iron	16700	B	11.6	4.1	mg/Kg	1	✱	6010C	Total/NA
Lead	13.5		1.2	0.28	mg/Kg	1	✱	6010C	Total/NA
Magnesium	20300	B	23.2	1.1	mg/Kg	1	✱	6010C	Total/NA
Manganese	1040	B	0.23	0.037	mg/Kg	1	✱	6010C	Total/NA
Nickel	17.6		5.8	0.27	mg/Kg	1	✱	6010C	Total/NA
Potassium	4530		34.8	23.2	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.95	J	4.6	0.46	mg/Kg	1	✱	6010C	Total/NA
Sodium	275		162	15.1	mg/Kg	1	✱	6010C	Total/NA
Vanadium	25.4		0.58	0.13	mg/Kg	1	✱	6010C	Total/NA
Zinc	65.5		2.3	0.74	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.013	J	0.024	0.0055	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-11

Lab Sample ID: 480-202325-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J vs	31	5.3	ug/Kg	1	✱	8260C	Total/NA
Diethyl phthalate	91	J B	210	28	ug/Kg	1	✱	8270D	Total/NA
Aluminum	24800		12.4	5.5	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.92	J	18.7	0.50	mg/Kg	1	✱	6010C	Total/NA
Arsenic	5.9		2.5	0.50	mg/Kg	1	✱	6010C	Total/NA
Barium	118		0.62	0.14	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.84		0.25	0.035	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.21	J	0.25	0.037	mg/Kg	1	✱	6010C	Total/NA
Calcium	25400		62.2	4.1	mg/Kg	1	✱	6010C	Total/NA
Chromium	26.5	B	0.62	0.25	mg/Kg	1	✱	6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-11 (Continued)

Lab Sample ID: 480-202325-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	10.3		0.62	0.062	mg/Kg	1	✱	6010C	Total/NA
Copper	14.8		1.2	0.26	mg/Kg	1	✱	6010C	Total/NA
Iron	28100	B	12.4	4.4	mg/Kg	1	✱	6010C	Total/NA
Lead	31.3		1.2	0.30	mg/Kg	1	✱	6010C	Total/NA
Magnesium	6620	B	24.9	1.2	mg/Kg	1	✱	6010C	Total/NA
Manganese	365	B	0.25	0.040	mg/Kg	1	✱	6010C	Total/NA
Nickel	19.6		6.2	0.29	mg/Kg	1	✱	6010C	Total/NA
Potassium	5320		37.3	24.9	mg/Kg	1	✱	6010C	Total/NA
Selenium	1.2	J	5.0	0.50	mg/Kg	1	✱	6010C	Total/NA
Sodium	472		174	16.2	mg/Kg	1	✱	6010C	Total/NA
Vanadium	44.3		0.62	0.14	mg/Kg	1	✱	6010C	Total/NA
Zinc	71.3		2.5	0.80	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.035		0.025	0.0056	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: SB-12

Lab Sample ID: 480-202325-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.40	J vs	5.7	0.35	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	140	J	950	95	ug/Kg	5	✱	8270D	Total/NA
Benzo[a]pyrene	160	J	950	140	ug/Kg	5	✱	8270D	Total/NA
Benzo[b]fluoranthene	170	J	950	150	ug/Kg	5	✱	8270D	Total/NA
Benzo[g,h,i]perylene	120	J	950	100	ug/Kg	5	✱	8270D	Total/NA
Fluoranthene	230	J	950	100	ug/Kg	5	✱	8270D	Total/NA
Pyrene	270	J	950	110	ug/Kg	5	✱	8270D	Total/NA
Aluminum	17700		10.8	4.7	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.65	J	16.2	0.43	mg/Kg	1	✱	6010C	Total/NA
Arsenic	7.6		2.2	0.43	mg/Kg	1	✱	6010C	Total/NA
Barium	97.6		0.54	0.12	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.71		0.22	0.030	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.23		0.22	0.032	mg/Kg	1	✱	6010C	Total/NA
Calcium	43000		53.9	3.6	mg/Kg	1	✱	6010C	Total/NA
Chromium	21.2	B	0.54	0.22	mg/Kg	1	✱	6010C	Total/NA
Cobalt	9.9		0.54	0.054	mg/Kg	1	✱	6010C	Total/NA
Copper	24.6		1.1	0.23	mg/Kg	1	✱	6010C	Total/NA
Iron	18800	B	10.8	3.8	mg/Kg	1	✱	6010C	Total/NA
Lead	48.3		1.1	0.26	mg/Kg	1	✱	6010C	Total/NA
Magnesium	16400	B	21.6	1.0	mg/Kg	1	✱	6010C	Total/NA
Manganese	468	B	0.22	0.035	mg/Kg	1	✱	6010C	Total/NA
Nickel	21.4		5.4	0.25	mg/Kg	1	✱	6010C	Total/NA
Potassium	5130		32.4	21.6	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.94	J	4.3	0.43	mg/Kg	1	✱	6010C	Total/NA
Sodium	319		151	14.0	mg/Kg	1	✱	6010C	Total/NA
Vanadium	33.2		0.54	0.12	mg/Kg	1	✱	6010C	Total/NA
Zinc	71.5		2.2	0.69	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.050		0.022	0.0050	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: GWSB-3

Lab Sample ID: 480-202325-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	6.5	J	10	3.0	ug/L	1		8260C	Total/NA
Methylcyclohexane	0.29	J	1.0	0.16	ug/L	1		8260C	Total/NA
Diethyl phthalate	15	J B	25	1.1	ug/L	1		8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: GWSB-3 (Continued)

Lab Sample ID: 480-202325-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	38.1		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.035		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.38		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.0026		0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0023		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	191		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.066		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.022		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.081		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	63.2		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.25		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	48.6		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	1.5	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.059		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	15.3		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	55.7		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.088		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	1.1		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.0010		0.00020	0.000043	mg/L	1		7470A	Total/NA

Client Sample ID: SB-14

Lab Sample ID: 480-202325-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.37	J vs	5.6	0.35	ug/Kg	1	✱	8260C	Total/NA
Benzo[a]anthracene	20	J	190	19	ug/Kg	1	✱	8270D	Total/NA
Diethyl phthalate	100	J B	190	25	ug/Kg	1	✱	8270D	Total/NA
Fluoranthene	38	J	190	20	ug/Kg	1	✱	8270D	Total/NA
Pyrene	29	J	190	23	ug/Kg	1	✱	8270D	Total/NA
Aluminum	14000		11.1	4.9	mg/Kg	1	✱	6010C	Total/NA
Antimony	0.52	J	16.6	0.44	mg/Kg	1	✱	6010C	Total/NA
Arsenic	3.7		2.2	0.44	mg/Kg	1	✱	6010C	Total/NA
Barium	85.9		0.55	0.12	mg/Kg	1	✱	6010C	Total/NA
Beryllium	0.60		0.22	0.031	mg/Kg	1	✱	6010C	Total/NA
Cadmium	0.37		0.22	0.033	mg/Kg	1	✱	6010C	Total/NA
Calcium	56900		55.4	3.7	mg/Kg	1	✱	6010C	Total/NA
Chromium	17.1	B	0.55	0.22	mg/Kg	1	✱	6010C	Total/NA
Cobalt	8.8		0.55	0.055	mg/Kg	1	✱	6010C	Total/NA
Copper	17.6		1.1	0.23	mg/Kg	1	✱	6010C	Total/NA
Iron	16600	B	11.1	3.9	mg/Kg	1	✱	6010C	Total/NA
Lead	14.2		1.1	0.27	mg/Kg	1	✱	6010C	Total/NA
Magnesium	21600	B	22.1	1.0	mg/Kg	1	✱	6010C	Total/NA
Manganese	448	B	0.22	0.035	mg/Kg	1	✱	6010C	Total/NA
Nickel	18.4		5.5	0.25	mg/Kg	1	✱	6010C	Total/NA
Potassium	4990		33.2	22.1	mg/Kg	1	✱	6010C	Total/NA
Selenium	0.47	J	4.4	0.44	mg/Kg	1	✱	6010C	Total/NA
Sodium	247		155	14.4	mg/Kg	1	✱	6010C	Total/NA
Vanadium	27.3		0.55	0.12	mg/Kg	1	✱	6010C	Total/NA
Zinc	90.4		2.2	0.71	mg/Kg	1	✱	6010C	Total/NA
Mercury	0.011	J	0.023	0.0053	mg/Kg	1	✱	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Lab Sample ID: 480-202325-1

Date Collected: 10/03/22 08:30

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	29	4.8	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Benzene	ND	vs	5.7	0.28	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Bromomethane	ND	vs	5.7	0.52	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Chlorobenzene	ND	vs	5.7	0.76	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Chloroform	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Chloromethane	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.83	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2-Dibromoethane	ND	vs	5.7	0.74	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Ethylbenzene	ND	vs	5.7	0.40	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Methyl acetate	ND	vs	29	3.5	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Styrene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1,1-Trichloroethane	ND	vs	5.7	0.42	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	✱	10/05/22 17:38	10/05/22 22:08	1

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Lab Sample ID: 480-202325-1

Date Collected: 10/03/22 08:30

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.6

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		72 - 126	10/05/22 17:38	10/05/22 22:08	1
Dibromofluoromethane (Surr)	103		60 - 140	10/05/22 17:38	10/05/22 22:08	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	10/05/22 17:38	10/05/22 22:08	1
Toluene-d8 (Surr)	102		71 - 125	10/05/22 17:38	10/05/22 22:08	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Acenaphthylene	ND	F2	190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Acetophenone	ND	F2	190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Anthracene	ND		190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Atrazine	ND	F2	190	67	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzaldehyde	ND	F2	190	150	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzo[a]anthracene	35	J	190	19	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzo[a]pyrene	72	J	190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzo[b]fluoranthene	110	J	190	31	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzo[g,h,i]perylene	83	J	190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Benzo[k]fluoranthene	41	J	190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Biphenyl	ND	F2	190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Bis(2-chloroethoxy)methane	ND	F2	190	41	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Bis(2-chloroethyl)ether	ND	F2	190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
bis (2-chloroisopropyl) ether	ND	F2	190	39	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Bis(2-ethylhexyl) phthalate	ND		190	66	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Butyl benzyl phthalate	ND		190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Caprolactam	ND		190	58	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Carbazole	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
4-Chloroaniline	ND	F2	190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2-Chloronaphthalene	ND	F2	190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2-Chlorophenol	ND	F2	380	35	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Chrysene	65	J	190	43	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Dibenzofuran	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
3,3'-Dichlorobenzidine	ND		380	230	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2,4-Dichlorophenol	ND	F2	190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Diethyl phthalate	110	J B	190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Dimethyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
4,6-Dinitro-2-methylphenol	ND		380	190	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2,4-Dinitrophenol	ND		1900	900	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2,4-Dinitrotoluene	ND		190	40	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
2,6-Dinitrotoluene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Di-n-octyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Fluoranthene	66	J	190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Fluorene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Hexachlorobenzene	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1
Hexachlorobutadiene	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 14:47	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Lab Sample ID: 480-202325-1

Date Collected: 10/03/22 08:30

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Hexachloroethane	ND		190	25	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Indeno[1,2,3-cd]pyrene	60	J	190	24	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Isophorone	ND	F2	190	41	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2-Methylnaphthalene	ND	F2	190	39	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2-Methylphenol	ND	F2	190	23	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
4-Methylphenol	ND	F2	380	23	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Naphthalene	ND		190	25	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
3-Nitroaniline	ND	F2	380	54	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
4-Nitroaniline	ND		380	100	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Nitrobenzene	ND	F2	190	22	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2-Nitrophenol	ND	F2	190	55	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
4-Nitrophenol	ND		380	140	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Pentachlorophenol	ND		380	190	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Phenanthrene	ND		190	29	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Phenol	ND		190	30	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
Pyrene	56	J	190	23	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2,4,5-Trichlorophenol	ND		190	53	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1
2,4,6-Trichlorophenol	ND		190	39	ug/Kg	☼	10/05/22 15:48	10/06/22 14:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	107		60 - 120	10/05/22 15:48	10/06/22 14:47	1
2-Fluorophenol (Surr)	94		52 - 120	10/05/22 15:48	10/06/22 14:47	1
Nitrobenzene-d5 (Surr)	100		53 - 120	10/05/22 15:48	10/06/22 14:47	1
Phenol-d5 (Surr)	100		54 - 120	10/05/22 15:48	10/06/22 14:47	1
p-Terphenyl-d14 (Surr)	120		79 - 130	10/05/22 15:48	10/06/22 14:47	1
2,4,6-Tribromophenol (Surr)	114		54 - 120	10/05/22 15:48	10/06/22 14:47	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8480		12.0	5.3	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Antimony	0.54	J	18.0	0.48	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Arsenic	7.2		2.4	0.48	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Barium	95.0		0.60	0.13	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Beryllium	0.39		0.24	0.034	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Cadmium	0.25		0.24	0.036	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Calcium	79400		60.1	4.0	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Chromium	10.7	B	0.60	0.24	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Cobalt	4.4		0.60	0.060	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Copper	16.3		1.2	0.25	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Iron	10600	B	12.0	4.2	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Lead	382		1.2	0.29	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Magnesium	25000	B	24.1	1.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Manganese	320	B	0.24	0.038	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Nickel	13.1		6.0	0.28	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Potassium	1870		36.1	24.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1
Selenium	ND		4.8	0.48	mg/Kg	☼	10/05/22 12:02	10/06/22 19:09	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Date Collected: 10/03/22 08:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-1

Matrix: Solid

Percent Solids: 86.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.68	0.23	mg/Kg	☆	10/11/22 12:06	10/12/22 15:12	1
Sodium	195		168	15.6	mg/Kg	☆	10/05/22 12:02	10/06/22 19:09	1
Thallium	ND		7.2	0.36	mg/Kg	☆	10/05/22 12:02	10/06/22 19:09	1
Vanadium	16.3		0.60	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:09	1
Zinc	70.4		2.4	0.77	mg/Kg	☆	10/05/22 12:02	10/06/22 19:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.024	0.0056	mg/Kg	☆	10/07/22 09:59	10/07/22 13:16	1

Client Sample ID: SB-2

Date Collected: 10/03/22 09:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-2

Matrix: Solid

Percent Solids: 85.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.0	J vs	29	4.8	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Chloroform	0.35	J vs	5.7	0.35	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Methyl acetate	ND	vs	29	3.4	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	☆	10/05/22 17:38	10/05/22 22:31	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-2

Lab Sample ID: 480-202325-2

Date Collected: 10/03/22 09:40

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 85.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	✱	10/05/22 17:38	10/05/22 22:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 126	10/05/22 17:38	10/05/22 22:31	1
Dibromofluoromethane (Surr)	100		60 - 140	10/05/22 17:38	10/05/22 22:31	1
1,2-Dichloroethane-d4 (Surr)	100		64 - 126	10/05/22 17:38	10/05/22 22:31	1
Toluene-d8 (Surr)	100		71 - 125	10/05/22 17:38	10/05/22 22:31	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		2000	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Acenaphthylene	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Acetophenone	ND		2000	270	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Anthracene	ND		2000	490	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Atrazine	ND		2000	680	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzaldehyde	ND		2000	1600	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzo[a]anthracene	310	J	2000	200	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzo[a]pyrene	ND		2000	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzo[b]fluoranthene	360	J	2000	310	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzo[g,h,i]perylene	210	J	2000	210	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Benzo[k]fluoranthene	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Biphenyl	ND		2000	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Bis(2-chloroethoxy)methane	ND		2000	420	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Bis(2-chloroethyl)ether	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
bis (2-chloroisopropyl) ether	ND		2000	390	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Bis(2-ethylhexyl) phthalate	ND		2000	670	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Bromophenyl phenyl ether	ND		2000	280	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Butyl benzyl phthalate	ND		2000	320	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Caprolactam	ND		2000	590	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Carbazole	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Chloroaniline	ND		2000	490	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Chloro-3-methylphenol	ND		2000	490	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Chloronaphthalene	ND		2000	320	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Chlorophenol	ND		3800	360	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Chlorophenyl phenyl ether	ND		2000	240	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Chrysene	ND		2000	440	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Dibenz(a,h)anthracene	ND		2000	350	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-2

Lab Sample ID: 480-202325-2

Date Collected: 10/03/22 09:40

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 85.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4-Dichlorophenol	ND		2000	210	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Diethyl phthalate	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4-Dimethylphenol	ND		2000	470	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Dimethyl phthalate	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Di-n-butyl phthalate	ND		2000	340	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4,6-Dinitro-2-methylphenol	ND		3800	2000	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4-Dinitrophenol	ND		19000	9100	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4-Dinitrotoluene	ND		2000	410	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,6-Dinitrotoluene	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Di-n-octyl phthalate	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Fluoranthene	670	J	2000	210	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Fluorene	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Hexachlorobenzene	ND		2000	270	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Hexachlorobutadiene	ND		2000	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Hexachlorocyclopentadiene	ND		2000	270	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Hexachloroethane	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Indeno[1,2,3-cd]pyrene	ND		2000	240	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Isophorone	ND		2000	420	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Methylnaphthalene	ND		2000	390	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Methylphenol	ND		2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Methylphenol	ND		3800	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Naphthalene	ND		2000	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Nitroaniline	ND		3800	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
3-Nitroaniline	ND		3800	540	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Nitroaniline	ND		3800	1000	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Nitrobenzene	ND		2000	220	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2-Nitrophenol	ND		2000	560	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
4-Nitrophenol	ND		3800	1400	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
N-Nitrosodi-n-propylamine	ND		2000	340	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
N-Nitrosodiphenylamine	ND		2000	1600	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Pentachlorophenol	ND		3800	2000	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Phenanthrene	610	J	2000	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Phenol	ND		2000	300	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
Pyrene	470	J	2000	230	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4,5-Trichlorophenol	ND		2000	530	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10
2,4,6-Trichlorophenol	ND		2000	390	ug/Kg	✱	10/05/22 15:48	10/06/22 15:12	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	109		60 - 120	10/05/22 15:48	10/06/22 15:12	10
2-Fluorophenol (Surr)	74		52 - 120	10/05/22 15:48	10/06/22 15:12	10
Nitrobenzene-d5 (Surr)	77		53 - 120	10/05/22 15:48	10/06/22 15:12	10
Phenol-d5 (Surr)	80		54 - 120	10/05/22 15:48	10/06/22 15:12	10
p-Terphenyl-d14 (Surr)	120		79 - 130	10/05/22 15:48	10/06/22 15:12	10
2,4,6-Tribromophenol (Surr)	111		54 - 120	10/05/22 15:48	10/06/22 15:12	10

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9870		11.7	5.1	mg/Kg	✱	10/05/22 12:02	10/06/22 19:13	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-2

Date Collected: 10/03/22 09:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-2

Matrix: Solid

Percent Solids: 85.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		17.5	0.47	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Arsenic	5.7		2.3	0.47	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Barium	46.5		0.58	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Beryllium	0.49		0.23	0.033	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Cadmium	0.26		0.23	0.035	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Calcium	21900		58.4	3.9	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Chromium	14.5	B	0.58	0.23	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Cobalt	7.7		0.58	0.058	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Copper	15.6		1.2	0.25	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Iron	13300	B	11.7	4.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Lead	31.9		1.2	0.28	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Magnesium	6370	B	23.4	1.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Manganese	200	B	0.23	0.037	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Nickel	19.6		5.8	0.27	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Potassium	1940		35.1	23.4	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Selenium	0.52	J	4.7	0.47	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Silver	ND		0.69	0.23	mg/Kg	☆	10/11/22 12:06	10/12/22 15:16	1
Sodium	118	J	164	15.2	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Thallium	ND		7.0	0.35	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Vanadium	21.1		0.58	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1
Zinc	69.4		2.3	0.75	mg/Kg	☆	10/05/22 12:02	10/06/22 19:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.063		0.024	0.0056	mg/Kg	☆	10/07/22 09:59	10/07/22 13:17	1

Client Sample ID: SB-4

Date Collected: 10/03/22 10:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-3

Matrix: Solid

Percent Solids: 89.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	5.7	J vs	27	4.6	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Benzene	0.45	J vs	5.4	0.27	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Bromodichloromethane	ND	vs	5.4	0.73	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Bromoform	ND	vs	5.4	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Bromomethane	ND	vs	5.4	0.49	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
2-Butanone (MEK)	2.7	J vs	27	2.0	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Carbon disulfide	ND	vs	5.4	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Carbon tetrachloride	ND	vs	5.4	0.52	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Chlorobenzene	ND	vs	5.4	0.72	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Chloroethane	ND	vs	5.4	1.2	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Chloroform	0.35	J vs	5.4	0.34	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Chloromethane	ND	vs	5.4	0.33	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
cis-1,2-Dichloroethene	ND	vs	5.4	0.69	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
cis-1,3-Dichloropropene	ND	vs	5.4	0.78	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Cyclohexane	2.0	J vs	5.4	0.76	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
Dibromochloromethane	ND	vs	5.4	0.69	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.4	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1
1,2-Dibromoethane	ND	vs	5.4	0.70	ug/Kg	☆	10/05/22 17:38	10/05/22 22:56	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-4

Lab Sample ID: 480-202325-3

Date Collected: 10/03/22 10:50

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 89.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	ND	vs	5.4	0.42	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,3-Dichlorobenzene	ND	vs	5.4	0.28	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,4-Dichlorobenzene	ND	vs	5.4	0.76	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Dichlorodifluoromethane	ND	vs	5.4	0.45	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1-Dichloroethane	ND	vs	5.4	0.66	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,2-Dichloroethane	ND	vs	5.4	0.27	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1-Dichloroethene	ND	vs	5.4	0.66	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,2-Dichloropropane	ND	vs	5.4	2.7	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Ethylbenzene	ND	vs	5.4	0.37	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Isopropylbenzene	ND	vs	5.4	0.82	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Methyl acetate	ND	vs	27	3.3	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Methylcyclohexane	2.2	J vs	5.4	0.82	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Methylene Chloride	ND	vs	5.4	2.5	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Methyl tert-butyl ether	ND	vs	5.4	0.53	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Styrene	ND	vs	5.4	0.27	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1,2,2-Tetrachloroethane	ND	vs	5.4	0.88	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Tetrachloroethene	ND	vs	5.4	0.73	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Toluene	0.65	J vs	5.4	0.41	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
trans-1,2-Dichloroethene	ND	vs	5.4	0.56	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
trans-1,3-Dichloropropene	ND	vs	5.4	2.4	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,2,4-Trichlorobenzene	ND	vs	5.4	0.33	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1,1-Trichloroethane	ND	vs	5.4	0.39	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1,2-Trichloroethane	ND	vs	5.4	0.70	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Trichloroethene	ND	vs	5.4	1.2	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Trichlorofluoromethane	ND	vs	5.4	0.51	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.4	1.2	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Vinyl chloride	ND	vs	5.4	0.66	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1
Xylenes, Total	1.1	J vs	11	0.91	ug/Kg	✱	10/05/22 17:38	10/05/22 22:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		72 - 126	10/05/22 17:38	10/05/22 22:56	1
Dibromofluoromethane (Surr)	100		60 - 140	10/05/22 17:38	10/05/22 22:56	1
1,2-Dichloroethane-d4 (Surr)	105		64 - 126	10/05/22 17:38	10/05/22 22:56	1
Toluene-d8 (Surr)	111		71 - 125	10/05/22 17:38	10/05/22 22:56	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1900	270	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Acenaphthylene	ND		1900	240	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Acetophenone	ND		1900	250	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Anthracene	ND		1900	460	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Atrazine	ND		1900	640	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzaldehyde	ND		1900	1500	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzo[a]anthracene	570	J	1900	190	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzo[a]pyrene	710	J	1900	270	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzo[b]fluoranthene	940	J	1900	290	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzo[g,h,i]perylene	620	J	1900	200	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10
Benzo[k]fluoranthene	410	J	1900	240	ug/Kg	✱	10/05/22 15:48	10/06/22 15:36	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-4

Lab Sample ID: 480-202325-3

Date Collected: 10/03/22 10:50

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 89.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1900	270	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Bis(2-chloroethoxy)methane	ND		1900	390	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Bis(2-chloroethyl)ether	ND		1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
bis (2-chloroisopropyl) ether	ND		1900	370	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Bis(2-ethylhexyl) phthalate	ND		1900	630	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Bromophenyl phenyl ether	ND		1900	260	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Butyl benzyl phthalate	ND		1900	310	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Caprolactam	ND		1900	560	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Carbazole	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Chloroaniline	ND		1900	460	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Chloro-3-methylphenol	ND		1900	460	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Chloronaphthalene	ND		1900	310	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Chlorophenol	ND		3600	340	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Chlorophenyl phenyl ether	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Chrysene	790 J		1900	410	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Dibenz(a,h)anthracene	ND		1900	330	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Dibenzofuran	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
3,3'-Dichlorobenzidine	ND		3600	2200	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4-Dichlorophenol	ND		1900	200	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Diethyl phthalate	ND		1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4-Dimethylphenol	ND		1900	450	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Dimethyl phthalate	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Di-n-butyl phthalate	ND		1900	320	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4,6-Dinitro-2-methylphenol	ND		3600	1900	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4-Dinitrophenol	ND		18000	8500	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4-Dinitrotoluene	ND		1900	380	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,6-Dinitrotoluene	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Di-n-octyl phthalate	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Fluoranthene	1500 J		1900	200	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Fluorene	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Hexachlorobenzene	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Hexachlorobutadiene	ND		1900	270	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Hexachlorocyclopentadiene	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Hexachloroethane	ND		1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Indeno[1,2,3-cd]pyrene	530 J		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Isophorone	ND		1900	390	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Methylnaphthalene	ND		1900	370	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Methylphenol	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Methylphenol	ND		3600	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Naphthalene	ND		1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Nitroaniline	ND		3600	270	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
3-Nitroaniline	ND		3600	510	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Nitroaniline	ND		3600	970	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Nitrobenzene	ND		1900	210	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2-Nitrophenol	ND		1900	520	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
4-Nitrophenol	ND		3600	1300	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
N-Nitrosodi-n-propylamine	ND		1900	320	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
N-Nitrosodiphenylamine	ND		1900	1500	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Pentachlorophenol	ND		3600	1900	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-4

Date Collected: 10/03/22 10:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-3

Matrix: Solid

Percent Solids: 89.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	650	J	1900	270	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Phenol	ND		1900	280	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
Pyrene	1100	J	1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4,5-Trichlorophenol	ND		1900	500	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10
2,4,6-Trichlorophenol	ND		1900	370	ug/Kg	☆	10/05/22 15:48	10/06/22 15:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	91		60 - 120	10/05/22 15:48	10/06/22 15:36	10
2-Fluorophenol (Surr)	60		52 - 120	10/05/22 15:48	10/06/22 15:36	10
Nitrobenzene-d5 (Surr)	68		53 - 120	10/05/22 15:48	10/06/22 15:36	10
Phenol-d5 (Surr)	80		54 - 120	10/05/22 15:48	10/06/22 15:36	10
p-Terphenyl-d14 (Surr)	112		79 - 130	10/05/22 15:48	10/06/22 15:36	10
2,4,6-Tribromophenol (Surr)	106		54 - 120	10/05/22 15:48	10/06/22 15:36	10

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10500		11.4	5.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Antimony	0.78	J	17.1	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Arsenic	4.5		2.3	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Barium	65.4		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Beryllium	0.51		0.23	0.032	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Cadmium	0.48		0.23	0.034	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Calcium	56500		57.0	3.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Chromium	15.8	B	0.57	0.23	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Cobalt	5.8		0.57	0.057	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Copper	23.6		1.1	0.24	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Iron	12900	B	11.4	4.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Lead	102		1.1	0.27	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Magnesium	11400	B	22.8	1.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Manganese	346	B	0.23	0.036	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Nickel	15.5		5.7	0.26	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Potassium	2470		34.2	22.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Selenium	ND		4.6	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Silver	ND		0.69	0.23	mg/Kg	☆	10/11/22 12:06	10/12/22 15:19	1
Sodium	431		160	14.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Thallium	ND		6.8	0.34	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Vanadium	22.0		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1
Zinc	105		2.3	0.73	mg/Kg	☆	10/05/22 12:02	10/06/22 19:17	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.021	0.0049	mg/Kg	☆	10/07/22 09:59	10/07/22 13:19	1

Client Sample ID: SB-6

Date Collected: 10/03/22 12:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-4

Matrix: Solid

Percent Solids: 82.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	310	vs	30	5.0	ug/Kg	☆	10/05/22 17:38	10/05/22 23:20	1
Benzene	ND	vs	5.9	0.29	ug/Kg	☆	10/05/22 17:38	10/05/22 23:20	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-6

Lab Sample ID: 480-202325-4

Date Collected: 10/03/22 12:00

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 82.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromodichloromethane	ND	vs	5.9	0.80	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Bromoform	ND	vs	5.9	3.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Bromomethane	ND	vs	5.9	0.53	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
2-Butanone (MEK)	57	vs	30	2.2	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Carbon disulfide	13	vs	5.9	3.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Carbon tetrachloride	ND	vs	5.9	0.57	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Chlorobenzene	ND	vs	5.9	0.78	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Chloroethane	ND	vs	5.9	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Chloroform	ND	vs	5.9	0.37	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Chloromethane	ND	vs	5.9	0.36	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
cis-1,2-Dichloroethene	ND	vs	5.9	0.76	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
cis-1,3-Dichloropropene	ND	vs	5.9	0.86	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Cyclohexane	ND	vs	5.9	0.83	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Dibromochloromethane	ND	vs	5.9	0.76	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2-Dibromo-3-Chloropropane	ND	*3 vs	5.9	3.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2-Dibromoethane	ND	vs	5.9	0.76	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2-Dichlorobenzene	ND	*3 vs	5.9	0.46	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,3-Dichlorobenzene	ND	*3 vs	5.9	0.31	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,4-Dichlorobenzene	ND	*3 vs	5.9	0.83	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Dichlorodifluoromethane	ND	vs	5.9	0.49	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1-Dichloroethane	ND	vs	5.9	0.72	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2-Dichloroethane	ND	vs	5.9	0.30	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1-Dichloroethene	ND	vs	5.9	0.73	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2-Dichloropropane	ND	vs	5.9	3.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Ethylbenzene	ND	vs	5.9	0.41	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
2-Hexanone	ND	vs	30	3.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Isopropylbenzene	ND	*3 vs	5.9	0.90	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Methyl acetate	ND	vs	30	3.6	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Methylcyclohexane	ND	vs	5.9	0.90	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Methylene Chloride	ND	vs	5.9	2.7	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
4-Methyl-2-pentanone (MIBK)	ND	vs	30	1.9	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Methyl tert-butyl ether	ND	vs	5.9	0.58	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Styrene	ND	vs	5.9	0.30	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1,2,2-Tetrachloroethane	ND	*3 vs	5.9	0.96	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Tetrachloroethene	ND	vs	5.9	0.80	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Toluene	0.46	J vs	5.9	0.45	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
trans-1,2-Dichloroethene	ND	vs	5.9	0.61	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
trans-1,3-Dichloropropene	ND	vs	5.9	2.6	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,2,4-Trichlorobenzene	ND	*3 vs	5.9	0.36	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1,1-Trichloroethane	ND	vs	5.9	0.43	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1,2-Trichloroethane	ND	vs	5.9	0.77	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Trichloroethene	ND	vs	5.9	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Trichlorofluoromethane	ND	vs	5.9	0.56	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.9	1.4	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Vinyl chloride	ND	vs	5.9	0.72	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	✱	10/05/22 17:38	10/05/22 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		72 - 126	10/05/22 17:38	10/05/22 23:20	1
Dibromofluoromethane (Surr)	104		60 - 140	10/05/22 17:38	10/05/22 23:20	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-6

Date Collected: 10/03/22 12:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-4

Matrix: Solid

Percent Solids: 82.9

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	10/05/22 17:38	10/05/22 23:20	1
Toluene-d8 (Surr)	118		71 - 125	10/05/22 17:38	10/05/22 23:20	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	280		200	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Acenaphthylene	ND		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Acetophenone	ND		200	27	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Anthracene	790		200	50	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Atrazine	ND		200	70	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzaldehyde	ND		200	160	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzo[a]anthracene	680		200	20	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzo[a]pyrene	560		200	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzo[b]fluoranthene	630		200	32	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzo[g,h,i]perylene	280		200	21	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Benzo[k]fluoranthene	260		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Biphenyl	56 J		200	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Bis(2-chloroethoxy)methane	ND		200	43	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Bis(2-chloroethyl)ether	ND		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
bis (2-chloroisopropyl) ether	ND		200	40	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Bis(2-ethylhexyl) phthalate	ND		200	68	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Bromophenyl phenyl ether	ND		200	28	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Butyl benzyl phthalate	ND		200	33	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Caprolactam	ND		200	60	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Carbazole	350		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Chloroaniline	ND		200	50	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Chloro-3-methylphenol	ND		200	50	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Chloronaphthalene	ND		200	33	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Chlorophenol	ND		390	37	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Chlorophenyl phenyl ether	ND		200	25	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Chrysene	660		200	45	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Dibenz(a,h)anthracene	84 J		200	35	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Dibenzofuran	430		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
3,3'-Dichlorobenzidine	ND		390	240	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4-Dichlorophenol	ND		200	21	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Diethyl phthalate	100 J B		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4-Dimethylphenol	ND		200	48	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Dimethyl phthalate	ND		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Di-n-butyl phthalate	ND		200	34	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4,6-Dinitro-2-methylphenol	ND		390	200	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4-Dinitrophenol	ND		2000	930	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4-Dinitrotoluene	ND		200	41	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,6-Dinitrotoluene	ND		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Di-n-octyl phthalate	ND		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Fluoranthene	1700		200	21	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Fluorene	530		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Hexachlorobenzene	ND		200	27	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Hexachlorobutadiene	ND		200	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Hexachlorocyclopentadiene	ND		200	27	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-6

Lab Sample ID: 480-202325-4

Date Collected: 10/03/22 12:00

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 82.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Indeno[1,2,3-cd]pyrene	300		200	25	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Isophorone	ND		200	43	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Methylnaphthalene	210		200	40	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Methylphenol	ND		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Methylphenol	ND		390	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Naphthalene	470		200	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Nitroaniline	ND		390	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
3-Nitroaniline	ND		390	55	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Nitroaniline	ND		390	110	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Nitrobenzene	ND		200	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2-Nitrophenol	ND		200	57	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
4-Nitrophenol	ND		390	140	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
N-Nitrosodi-n-propylamine	ND		200	34	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
N-Nitrosodiphenylamine	ND		200	160	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Pentachlorophenol	ND		390	200	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Phenanthrene	2400		200	30	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Phenol	ND		200	31	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
Pyrene	1200		200	24	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4,5-Trichlorophenol	ND		200	54	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1
2,4,6-Trichlorophenol	ND		200	40	ug/Kg	☆	10/05/22 15:48	10/06/22 16:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	110		60 - 120	10/05/22 15:48	10/06/22 16:01	1
2-Fluorophenol (Surr)	96		52 - 120	10/05/22 15:48	10/06/22 16:01	1
Nitrobenzene-d5 (Surr)	101		53 - 120	10/05/22 15:48	10/06/22 16:01	1
Phenol-d5 (Surr)	102		54 - 120	10/05/22 15:48	10/06/22 16:01	1
p-Terphenyl-d14 (Surr)	115		79 - 130	10/05/22 15:48	10/06/22 16:01	1
2,4,6-Tribromophenol (Surr)	120		54 - 120	10/05/22 15:48	10/06/22 16:01	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9320		11.4	5.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Antimony	0.81	J	17.2	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Arsenic	4.6		2.3	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Barium	221		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Beryllium	0.70		0.23	0.032	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Cadmium	0.35		0.23	0.034	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Calcium	39300		57.2	3.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Chromium	25.1	B	0.57	0.23	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Cobalt	8.4		0.57	0.057	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Copper	35.3		1.1	0.24	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Iron	13600	B	11.4	4.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Lead	156		1.1	0.27	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Magnesium	8400	B	22.9	1.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Manganese	277	B	0.23	0.037	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Nickel	18.8		5.7	0.26	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Potassium	2140		34.3	22.9	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Selenium	0.55	J	4.6	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Silver	ND		0.73	0.24	mg/Kg	☆	10/11/22 12:06	10/12/22 15:23	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-6

Date Collected: 10/03/22 12:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-4

Matrix: Solid

Percent Solids: 82.9

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	282		160	14.9	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Thallium	ND		6.9	0.34	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Vanadium	20.4		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1
Zinc	134		2.3	0.73	mg/Kg	☆	10/05/22 12:02	10/06/22 19:33	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.28		0.024	0.0055	mg/Kg	☆	10/07/22 09:59	10/07/22 13:20	1

Client Sample ID: SB-7

Date Collected: 10/03/22 13:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-5

Matrix: Solid

Percent Solids: 88.8

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	27	4.6	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Benzene	ND	vs	5.5	0.27	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Bromodichloromethane	ND	vs	5.5	0.74	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Bromoform	ND	vs	5.5	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Bromomethane	ND	vs	5.5	0.49	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
2-Butanone (MEK)	ND	vs	27	2.0	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Carbon disulfide	ND	vs	5.5	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Carbon tetrachloride	ND	vs	5.5	0.53	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Chlorobenzene	ND	vs	5.5	0.73	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Chloroethane	ND	vs	5.5	1.2	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Chloroform	ND	vs	5.5	0.34	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Chloromethane	ND	vs	5.5	0.33	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
cis-1,2-Dichloroethene	ND	vs	5.5	0.70	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
cis-1,3-Dichloropropene	ND	vs	5.5	0.79	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Cyclohexane	ND	vs	5.5	0.77	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Dibromochloromethane	ND	vs	5.5	0.70	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.5	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,2-Dibromoethane	ND	vs	5.5	0.71	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,2-Dichlorobenzene	ND	vs	5.5	0.43	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,3-Dichlorobenzene	ND	vs	5.5	0.28	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,4-Dichlorobenzene	ND	vs	5.5	0.77	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Dichlorodifluoromethane	ND	vs	5.5	0.45	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,1-Dichloroethane	ND	vs	5.5	0.67	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,2-Dichloroethane	ND	vs	5.5	0.28	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,1-Dichloroethene	ND	vs	5.5	0.67	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
1,2-Dichloropropane	ND	vs	5.5	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Ethylbenzene	ND	vs	5.5	0.38	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
2-Hexanone	ND	vs	27	2.7	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Isopropylbenzene	ND	vs	5.5	0.83	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Methyl acetate	ND	vs	27	3.3	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Methylcyclohexane	ND	vs	5.5	0.84	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Methylene Chloride	ND	vs	5.5	2.5	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
4-Methyl-2-pentanone (MIBK)	ND	vs	27	1.8	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Methyl tert-butyl ether	ND	vs	5.5	0.54	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1
Styrene	ND	vs	5.5	0.27	ug/Kg	☆	10/05/22 17:38	10/05/22 23:44	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-7

Lab Sample ID: 480-202325-5

Date Collected: 10/03/22 13:00

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 88.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	vs	5.5	0.89	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Tetrachloroethene	ND	vs	5.5	0.74	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Toluene	ND	vs	5.5	0.42	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
trans-1,2-Dichloroethene	ND	vs	5.5	0.57	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
trans-1,3-Dichloropropene	ND	vs	5.5	2.4	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
1,2,4-Trichlorobenzene	ND	vs	5.5	0.33	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
1,1,1-Trichloroethane	ND	vs	5.5	0.40	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
1,1,2-Trichloroethane	ND	vs	5.5	0.71	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Trichloroethene	ND	vs	5.5	1.2	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Trichlorofluoromethane	ND	vs	5.5	0.52	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.5	1.3	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Vinyl chloride	ND	vs	5.5	0.67	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1
Xylenes, Total	ND	vs	11	0.92	ug/Kg	✱	10/05/22 17:38	10/05/22 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		72 - 126	10/05/22 17:38	10/05/22 23:44	1
Dibromofluoromethane (Surr)	102		60 - 140	10/05/22 17:38	10/05/22 23:44	1
1,2-Dichloroethane-d4 (Surr)	103		64 - 126	10/05/22 17:38	10/05/22 23:44	1
Toluene-d8 (Surr)	104		71 - 125	10/05/22 17:38	10/05/22 23:44	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Acenaphthylene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Acetophenone	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Anthracene	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Atrazine	ND		190	66	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzaldehyde	ND		190	150	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzo[a]anthracene	ND		190	19	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzo[a]pyrene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Biphenyl	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Bis(2-chloroethoxy)methane	ND		190	40	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Butyl benzyl phthalate	ND		190	31	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Caprolactam	ND		190	57	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Carbazole	ND		190	22	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
4-Chloroaniline	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
2-Chloronaphthalene	ND		190	31	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
2-Chlorophenol	ND		370	35	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
4-Chlorophenyl phenyl ether	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Chrysene	ND		190	42	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Dibenz(a,h)anthracene	ND		190	33	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1
Dibenzofuran	ND		190	22	ug/Kg	✱	10/05/22 15:48	10/06/22 16:25	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-7

Lab Sample ID: 480-202325-5

Date Collected: 10/03/22 13:00

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 88.8

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		370	220	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Diethyl phthalate	93	J B	190	25	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Dimethyl phthalate	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Di-n-butyl phthalate	ND		190	32	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4-Dinitrophenol	ND		1800	870	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,6-Dinitrotoluene	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Di-n-octyl phthalate	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Fluoranthene	22	J	190	20	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Fluorene	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Hexachlorobenzene	ND		190	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Hexachlorobutadiene	ND		190	28	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Hexachloroethane	ND		190	25	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Indeno[1,2,3-cd]pyrene	ND		190	23	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Isophorone	ND		190	40	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2-Methylnaphthalene	ND		190	38	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2-Methylphenol	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
4-Methylphenol	ND		370	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Naphthalene	ND		190	25	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2-Nitroaniline	ND		370	28	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
3-Nitroaniline	ND		370	52	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
4-Nitroaniline	ND		370	99	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Nitrobenzene	ND		190	21	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2-Nitrophenol	ND		190	53	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
4-Nitrophenol	ND		370	130	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
N-Nitrosodi-n-propylamine	ND		190	32	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
N-Nitrosodiphenylamine	ND		190	150	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Pentachlorophenol	ND		370	190	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Phenanthrene	ND		190	28	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Phenol	ND		190	29	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
Pyrene	ND		190	22	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4,5-Trichlorophenol	ND		190	51	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	☆	10/05/22 15:48	10/06/22 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	109		60 - 120	10/05/22 15:48	10/06/22 16:25	1
2-Fluorophenol (Surr)	98		52 - 120	10/05/22 15:48	10/06/22 16:25	1
Nitrobenzene-d5 (Surr)	102		53 - 120	10/05/22 15:48	10/06/22 16:25	1
Phenol-d5 (Surr)	103		54 - 120	10/05/22 15:48	10/06/22 16:25	1
p-Terphenyl-d14 (Surr)	115		79 - 130	10/05/22 15:48	10/06/22 16:25	1
2,4,6-Tribromophenol (Surr)	114		54 - 120	10/05/22 15:48	10/06/22 16:25	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11500		11.4	5.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Antimony	0.57	J	17.1	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-7

Date Collected: 10/03/22 13:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-5

Matrix: Solid

Percent Solids: 88.8

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	3.9		2.3	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Barium	114		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Beryllium	0.53		0.23	0.032	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Cadmium	0.22	J	0.23	0.034	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Calcium	51200		57.1	3.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Chromium	14.6	B	0.57	0.23	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Cobalt	8.0		0.57	0.057	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Copper	21.4		1.1	0.24	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Iron	14900	B	11.4	4.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Lead	15.4		1.1	0.27	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Magnesium	18100	B	22.8	1.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Manganese	413	B	0.23	0.037	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Nickel	17.3		5.7	0.26	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Potassium	3720		34.3	22.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Selenium	ND		4.6	0.46	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Silver	ND		0.65	0.22	mg/Kg	☆	10/11/22 12:06	10/12/22 15:27	1
Sodium	229		160	14.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Thallium	ND		6.9	0.34	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Vanadium	22.5		0.57	0.13	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1
Zinc	64.3		2.3	0.73	mg/Kg	☆	10/05/22 12:02	10/06/22 19:37	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	J	0.022	0.0051	mg/Kg	☆	10/07/22 09:59	10/07/22 13:21	1

Client Sample ID: SB-8

Date Collected: 10/04/22 08:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-6

Matrix: Solid

Percent Solids: 85.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	13	J vs	29	4.8	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Bromodichloromethane	ND	vs	5.7	0.77	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Bromoform	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
2-Butanone (MEK)	ND	vs	29	2.1	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Carbon disulfide	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Chloroform	0.38	J vs	5.7	0.35	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.9	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1
1,2-Dichlorobenzene	ND	vs	5.7	0.45	ug/Kg	☆	10/05/22 17:38	10/06/22 00:08	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-8

Lab Sample ID: 480-202325-6

Date Collected: 10/04/22 08:50

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 85.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,4-Dichlorobenzene	ND	vs	5.7	0.80	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1-Dichloroethane	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,2-Dichloropropane	ND	vs	5.7	2.9	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
2-Hexanone	ND	vs	29	2.9	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Isopropylbenzene	ND	vs	5.7	0.86	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Methyl acetate	ND	vs	29	3.4	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
4-Methyl-2-pentanone (MIBK)	ND	vs	29	1.9	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Styrene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1,1,2-Tetrachloroethane	ND	vs	5.7	0.93	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Tetrachloroethene	ND	vs	5.7	0.77	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Toluene	0.56	J vs	5.7	0.43	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Vinyl chloride	ND	vs	5.7	0.70	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	✱	10/05/22 17:38	10/06/22 00:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		72 - 126	10/05/22 17:38	10/06/22 00:08	1
Dibromofluoromethane (Surr)	90		60 - 140	10/05/22 17:38	10/06/22 00:08	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	10/05/22 17:38	10/06/22 00:08	1
Toluene-d8 (Surr)	102		71 - 125	10/05/22 17:38	10/06/22 00:08	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		1900	290	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Acenaphthylene	ND		1900	250	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Acetophenone	ND		1900	260	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Anthracene	650	J	1900	480	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Atrazine	ND		1900	680	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzaldehyde	ND		1900	1500	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzo[a]anthracene	2300		1900	190	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzo[a]pyrene	2100		1900	290	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzo[b]fluoranthene	2600		1900	310	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzo[g,h,i]perylene	1200	J	1900	210	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Benzo[k]fluoranthene	1000	J	1900	250	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Biphenyl	ND		1900	290	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-8

Lab Sample ID: 480-202325-6

Date Collected: 10/04/22 08:50

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 85.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		1900	410	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Bis(2-chloroethyl)ether	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
bis (2-chloroisopropyl) ether	ND		1900	390	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Bis(2-ethylhexyl) phthalate	ND		1900	670	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Bromophenyl phenyl ether	ND		1900	280	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Butyl benzyl phthalate	ND		1900	320	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Caprolactam	ND		1900	580	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Carbazole	330	J	1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Chloroaniline	ND		1900	480	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Chloro-3-methylphenol	ND		1900	480	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Chloronaphthalene	ND		1900	320	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Chlorophenol	ND		3800	360	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Chlorophenyl phenyl ether	ND		1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Chrysene	2300		1900	440	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Dibenz(a,h)anthracene	400	J	1900	340	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Dibenzofuran	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
3,3'-Dichlorobenzidine	ND		3800	2300	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2,4-Dichlorophenol	ND		1900	210	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Diethyl phthalate	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2,4-Dimethylphenol	ND		1900	470	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Dimethyl phthalate	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Di-n-butyl phthalate	ND		1900	330	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4,6-Dinitro-2-methylphenol	ND		3800	1900	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2,4-Dinitrophenol	ND		19000	9000	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2,4-Dinitrotoluene	ND		1900	400	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2,6-Dinitrotoluene	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Di-n-octyl phthalate	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Fluoranthene	4900		1900	210	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Fluorene	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Hexachlorobenzene	ND		1900	260	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Hexachlorobutadiene	ND		1900	290	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Hexachlorocyclopentadiene	ND		1900	260	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Hexachloroethane	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Indeno[1,2,3-cd]pyrene	1200	J	1900	240	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Isophorone	ND		1900	410	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Methylnaphthalene	ND		1900	390	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Methylphenol	ND		1900	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Methylphenol	ND		3800	230	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Naphthalene	ND		1900	250	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Nitroaniline	ND		3800	290	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
3-Nitroaniline	ND		3800	540	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Nitroaniline	ND		3800	1000	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Nitrobenzene	ND		1900	220	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
2-Nitrophenol	ND		1900	550	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
4-Nitrophenol	ND		3800	1400	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
N-Nitrosodi-n-propylamine	ND		1900	330	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
N-Nitrosodiphenylamine	ND		1900	1600	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Pentachlorophenol	ND		3800	1900	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10
Phenanthrene	2800		1900	290	ug/Kg	☆	10/05/22 15:48	10/06/22 16:49	10

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-8

Date Collected: 10/04/22 08:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-6

Matrix: Solid

Percent Solids: 85.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		1900	300	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
Pyrene	3800		1900	230	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
2,4,5-Trichlorophenol	ND		1900	530	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10
2,4,6-Trichlorophenol	ND		1900	390	ug/Kg	✱	10/05/22 15:48	10/06/22 16:49	10

Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	105		60 - 120				10/05/22 15:48	10/06/22 16:49	10
2-Fluorophenol (Surr)	68		52 - 120				10/05/22 15:48	10/06/22 16:49	10
Nitrobenzene-d5 (Surr)	83		53 - 120				10/05/22 15:48	10/06/22 16:49	10
Phenol-d5 (Surr)	89		54 - 120				10/05/22 15:48	10/06/22 16:49	10
p-Terphenyl-d14 (Surr)	121		79 - 130				10/05/22 15:48	10/06/22 16:49	10
2,4,6-Tribromophenol (Surr)	35	S1-	54 - 120				10/05/22 15:48	10/06/22 16:49	10

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	11000		12.4	5.5	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Antimony	0.87	J	18.7	0.50	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Arsenic	7.9		2.5	0.50	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Barium	94.1		0.62	0.14	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Beryllium	0.58		0.25	0.035	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Cadmium	0.42		0.25	0.037	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Calcium	108000		62.2	4.1	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Chromium	22.3	B	0.62	0.25	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Cobalt	4.8		0.62	0.062	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Copper	26.8		1.2	0.26	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Iron	14700	B	12.4	4.4	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Lead	149		1.2	0.30	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Magnesium	9490	B	24.9	1.2	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Manganese	684	B	0.25	0.040	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Nickel	14.2		6.2	0.29	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Potassium	2160		37.3	24.9	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Selenium	0.78	J	5.0	0.50	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Silver	ND	F1 F2	0.68	0.23	mg/Kg	✱	10/11/22 12:06	10/12/22 15:31	1
Sodium	408		174	16.2	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Thallium	ND		7.5	0.37	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Vanadium	26.6		0.62	0.14	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1
Zinc	131		2.5	0.80	mg/Kg	✱	10/05/22 12:02	10/06/22 19:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.024	0.0056	mg/Kg	✱	10/07/22 09:59	10/07/22 13:23	1

Client Sample ID: SB-9

Date Collected: 10/04/22 09:15

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-7

Matrix: Solid

Percent Solids: 86.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	28	4.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Benzene	ND	vs	5.7	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-9

Lab Sample ID: 480-202325-7

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	ND	vs	5.7	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Chloroform	ND	vs	5.7	0.35	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.72	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.81	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Cyclohexane	ND	vs	5.7	0.79	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Dibromochloromethane	ND	vs	5.7	0.72	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.7	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2-Dichlorobenzene	ND	vs	5.7	0.44	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,3-Dichlorobenzene	ND	vs	5.7	0.29	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,4-Dichlorobenzene	ND	vs	5.7	0.79	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2-Dichloroethane	ND	vs	5.7	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1-Dichloroethene	ND	vs	5.7	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Isopropylbenzene	ND	vs	5.7	0.85	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Methylcyclohexane	ND	vs	5.7	0.86	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Styrene	ND	vs	5.7	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1,2,2-Tetrachloroethane	ND	vs	5.7	0.92	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.58	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,2,4-Trichlorobenzene	ND	vs	5.7	0.34	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1,2-Trichloroethane	ND	vs	5.7	0.73	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Trichloroethene	ND	vs	5.7	1.2	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Trichlorofluoromethane	ND	vs	5.7	0.53	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	✱	10/05/22 17:38	10/06/22 00:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		72 - 126	10/05/22 17:38	10/06/22 00:33	1
Dibromofluoromethane (Surr)	100		60 - 140	10/05/22 17:38	10/06/22 00:33	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/05/22 17:38	10/06/22 00:33	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-9

Lab Sample ID: 480-202325-7

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.7

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	102		71 - 125	10/05/22 17:38	10/06/22 00:33	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Acenaphthylene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Acetophenone	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Anthracene	ND		190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Atrazine	ND		190	68	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzaldehyde	ND		190	150	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzo[a]anthracene	ND		190	19	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzo[a]pyrene	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzo[b]fluoranthene	ND		190	31	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzo[g,h,i]perylene	ND		190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Biphenyl	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Bis(2-chloroethoxy)methane	ND		190	41	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
bis (2-chloroisopropyl) ether	ND		190	39	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Bis(2-ethylhexyl) phthalate	ND		190	67	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
4-Bromophenyl phenyl ether	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Butyl benzyl phthalate	ND		190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Caprolactam	ND		190	58	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Carbazole	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
4-Chloroaniline	ND		190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
4-Chloro-3-methylphenol	ND		190	48	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2-Chloronaphthalene	ND		190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2-Chlorophenol	ND		380	36	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Chrysene	ND		190	44	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Dibenzofuran	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
3,3'-Dichlorobenzidine	ND		380	230	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2,4-Dichlorophenol	ND		190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Diethyl phthalate	43 J B		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2,4-Dimethylphenol	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Dimethyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
4,6-Dinitro-2-methylphenol	ND		380	190	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2,4-Dinitrophenol	ND		1900	900	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2,4-Dinitrotoluene	ND		190	40	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
2,6-Dinitrotoluene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Di-n-octyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Fluoranthene	ND		190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Fluorene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Hexachlorobenzene	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Hexachlorobutadiene	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1
Hexachloroethane	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:14	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-9

Lab Sample ID: 480-202325-7

Date Collected: 10/04/22 09:15

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 86.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Isophorone	ND		190	41	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2-Methylnaphthalene	ND		190	39	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2-Methylphenol	ND		190	23	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
4-Methylphenol	ND		380	23	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Naphthalene	ND		190	25	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2-Nitroaniline	ND		380	29	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
3-Nitroaniline	ND		380	54	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
4-Nitroaniline	ND		380	100	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Nitrobenzene	ND		190	22	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2-Nitrophenol	ND		190	55	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
4-Nitrophenol	ND		380	140	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Pentachlorophenol	ND		380	190	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Phenanthrene	ND		190	29	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Phenol	ND		190	30	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
Pyrene	ND		190	23	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2,4,5-Trichlorophenol	ND		190	53	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1
2,4,6-Trichlorophenol	ND		190	39	ug/Kg	☼	10/05/22 15:48	10/06/22 17:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	113		60 - 120	10/05/22 15:48	10/06/22 17:14	1
2-Fluorophenol (Surr)	97		52 - 120	10/05/22 15:48	10/06/22 17:14	1
Nitrobenzene-d5 (Surr)	102		53 - 120	10/05/22 15:48	10/06/22 17:14	1
Phenol-d5 (Surr)	106		54 - 120	10/05/22 15:48	10/06/22 17:14	1
p-Terphenyl-d14 (Surr)	119		79 - 130	10/05/22 15:48	10/06/22 17:14	1
2,4,6-Tribromophenol (Surr)	116		54 - 120	10/05/22 15:48	10/06/22 17:14	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14100		11.6	5.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Antimony	0.46	J	17.4	0.46	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Arsenic	2.9		2.3	0.46	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Barium	117		0.58	0.13	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Beryllium	0.58		0.23	0.032	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Cadmium	0.28		0.23	0.035	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Calcium	57200		58.0	3.8	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Chromium	17.0	B	0.58	0.23	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Cobalt	8.1		0.58	0.058	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Copper	15.3		1.2	0.24	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Iron	16700	B	11.6	4.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Lead	13.5		1.2	0.28	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Magnesium	20300	B	23.2	1.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Manganese	1040	B	0.23	0.037	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Nickel	17.6		5.8	0.27	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Potassium	4530		34.8	23.2	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Selenium	0.95	J	4.6	0.46	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1
Silver	ND		0.69	0.23	mg/Kg	☼	10/11/22 12:06	10/12/22 16:03	1
Sodium	275		162	15.1	mg/Kg	☼	10/05/22 12:02	10/06/22 19:44	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-9

Date Collected: 10/04/22 09:15

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-7

Matrix: Solid

Percent Solids: 86.7

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	ND		7.0	0.35	mg/Kg	✱	10/05/22 12:02	10/06/22 19:44	1
Vanadium	25.4		0.58	0.13	mg/Kg	✱	10/05/22 12:02	10/06/22 19:44	1
Zinc	65.5		2.3	0.74	mg/Kg	✱	10/05/22 12:02	10/06/22 19:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.024	0.0055	mg/Kg	✱	10/07/22 09:59	10/07/22 13:24	1

Client Sample ID: SB-11

Date Collected: 10/04/22 10:10

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-8

Matrix: Solid

Percent Solids: 79.4

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	11	J vs	31	5.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Benzene	ND	vs	6.3	0.31	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Bromodichloromethane	ND	vs	6.3	0.84	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Bromoform	ND	vs	6.3	3.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Bromomethane	ND	vs	6.3	0.56	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Carbon disulfide	ND	vs	6.3	3.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Carbon tetrachloride	ND	vs	6.3	0.61	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Chlorobenzene	ND	vs	6.3	0.83	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Chloroethane	ND	vs	6.3	1.4	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Chloroform	ND	vs	6.3	0.39	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Chloromethane	ND	vs	6.3	0.38	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
cis-1,2-Dichloroethene	ND	vs	6.3	0.80	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
cis-1,3-Dichloropropene	ND	vs	6.3	0.90	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Cyclohexane	ND	vs	6.3	0.88	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Dibromochloromethane	ND	vs	6.3	0.80	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.3	3.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,2-Dibromoethane	ND	vs	6.3	0.80	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,2-Dichlorobenzene	ND	vs	6.3	0.49	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,3-Dichlorobenzene	ND	vs	6.3	0.32	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,4-Dichlorobenzene	ND	vs	6.3	0.88	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Dichlorodifluoromethane	ND	vs	6.3	0.52	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,1-Dichloroethane	ND	vs	6.3	0.76	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,2-Dichloroethane	ND	vs	6.3	0.31	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,1-Dichloroethene	ND	vs	6.3	0.77	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,2-Dichloropropane	ND	vs	6.3	3.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Ethylbenzene	ND	vs	6.3	0.43	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Isopropylbenzene	ND	vs	6.3	0.94	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Methyl acetate	ND	vs	31	3.8	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Methylcyclohexane	ND	vs	6.3	0.95	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Methylene Chloride	ND	vs	6.3	2.9	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.1	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Methyl tert-butyl ether	ND	vs	6.3	0.61	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
Styrene	ND	vs	6.3	0.31	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1
1,1,2,2-Tetrachloroethane	ND	vs	6.3	1.0	ug/Kg	✱	10/05/22 17:38	10/06/22 00:57	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-11

Lab Sample ID: 480-202325-8

Date Collected: 10/04/22 10:10

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 79.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND	vs	6.3	0.84	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
Toluene	ND	vs	6.3	0.47	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
trans-1,2-Dichloroethene	ND	vs	6.3	0.65	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
trans-1,3-Dichloropropene	ND	vs	6.3	2.8	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
1,2,4-Trichlorobenzene	ND	vs	6.3	0.38	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
1,1,1-Trichloroethane	ND	vs	6.3	0.45	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
1,1,2-Trichloroethane	ND	vs	6.3	0.81	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
Trichloroethene	ND	vs	6.3	1.4	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
Trichlorofluoromethane	ND	vs	6.3	0.59	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.3	1.4	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
Vinyl chloride	ND	vs	6.3	0.76	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☆	10/05/22 17:38	10/06/22 00:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		72 - 126	10/05/22 17:38	10/06/22 00:57	1
Dibromofluoromethane (Surr)	101		60 - 140	10/05/22 17:38	10/06/22 00:57	1
1,2-Dichloroethane-d4 (Surr)	104		64 - 126	10/05/22 17:38	10/06/22 00:57	1
Toluene-d8 (Surr)	102		71 - 125	10/05/22 17:38	10/06/22 00:57	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		210	31	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Acenaphthylene	ND		210	28	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Acetophenone	ND		210	29	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Anthracene	ND		210	53	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Atrazine	ND		210	74	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzaldehyde	ND		210	170	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzo[a]anthracene	ND		210	21	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzo[a]pyrene	ND		210	31	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzo[b]fluoranthene	ND		210	34	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzo[g,h,i]perylene	ND		210	23	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Benzo[k]fluoranthene	ND		210	28	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Biphenyl	ND		210	31	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Bis(2-chloroethoxy)methane	ND		210	45	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Bis(2-chloroethyl)ether	ND		210	28	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Bis(2-ethylhexyl) phthalate	ND		210	73	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
4-Bromophenyl phenyl ether	ND		210	30	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Butyl benzyl phthalate	ND		210	35	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Caprolactam	ND		210	64	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Carbazole	ND		210	25	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
4-Chloroaniline	ND		210	53	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
4-Chloro-3-methylphenol	ND		210	53	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
2-Chloronaphthalene	ND		210	35	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
2-Chlorophenol	ND		410	39	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
4-Chlorophenyl phenyl ether	ND		210	26	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Chrysene	ND		210	48	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Dibenz(a,h)anthracene	ND		210	38	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
Dibenzofuran	ND		210	25	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1
3,3'-Dichlorobenzidine	ND		410	250	ug/Kg	☆	10/05/22 15:48	10/06/22 17:38	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-11

Lab Sample ID: 480-202325-8

Date Collected: 10/04/22 10:10

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 79.4

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		210	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Diethyl phthalate	91	J B	210	28	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,4-Dimethylphenol	ND		210	51	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Dimethyl phthalate	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Di-n-butyl phthalate	ND		210	36	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
4,6-Dinitro-2-methylphenol	ND		410	210	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,4-Dinitrophenol	ND		2100	980	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,4-Dinitrotoluene	ND		210	44	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,6-Dinitrotoluene	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Di-n-octyl phthalate	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Fluoranthene	ND		210	23	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Fluorene	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Hexachlorobenzene	ND		210	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Hexachlorobutadiene	ND		210	31	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Hexachlorocyclopentadiene	ND		210	29	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Hexachloroethane	ND		210	28	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Indeno[1,2,3-cd]pyrene	ND		210	26	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Isophorone	ND		210	45	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2-Methylnaphthalene	ND		210	43	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2-Methylphenol	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
4-Methylphenol	ND		410	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Naphthalene	ND		210	28	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2-Nitroaniline	ND		410	31	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
3-Nitroaniline	ND		410	59	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
4-Nitroaniline	ND		410	110	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Nitrobenzene	ND		210	24	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2-Nitrophenol	ND		210	60	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
4-Nitrophenol	ND		410	150	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
N-Nitrosodi-n-propylamine	ND		210	36	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
N-Nitrosodiphenylamine	ND		210	170	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Pentachlorophenol	ND		410	210	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Phenanthrene	ND		210	31	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Phenol	ND		210	33	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
Pyrene	ND		210	25	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,4,5-Trichlorophenol	ND		210	58	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1
2,4,6-Trichlorophenol	ND		210	43	ug/Kg	✱	10/05/22 15:48	10/06/22 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	94		60 - 120	10/05/22 15:48	10/06/22 17:38	1
2-Fluorophenol (Surr)	81		52 - 120	10/05/22 15:48	10/06/22 17:38	1
Nitrobenzene-d5 (Surr)	86		53 - 120	10/05/22 15:48	10/06/22 17:38	1
Phenol-d5 (Surr)	88		54 - 120	10/05/22 15:48	10/06/22 17:38	1
p-Terphenyl-d14 (Surr)	103		79 - 130	10/05/22 15:48	10/06/22 17:38	1
2,4,6-Tribromophenol (Surr)	101		54 - 120	10/05/22 15:48	10/06/22 17:38	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24800		12.4	5.5	mg/Kg	✱	10/05/22 12:02	10/06/22 19:49	1
Antimony	0.92	J	18.7	0.50	mg/Kg	✱	10/05/22 12:02	10/06/22 19:49	1
Arsenic	5.9		2.5	0.50	mg/Kg	✱	10/05/22 12:02	10/06/22 19:49	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-11

Date Collected: 10/04/22 10:10

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-8

Matrix: Solid

Percent Solids: 79.4

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	118		0.62	0.14	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Beryllium	0.84		0.25	0.035	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Cadmium	0.21	J	0.25	0.037	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Calcium	25400		62.2	4.1	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Chromium	26.5	B	0.62	0.25	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Cobalt	10.3		0.62	0.062	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Copper	14.8		1.2	0.26	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Iron	28100	B	12.4	4.4	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Lead	31.3		1.2	0.30	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Magnesium	6620	B	24.9	1.2	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Manganese	365	B	0.25	0.040	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Nickel	19.6		6.2	0.29	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Potassium	5320		37.3	24.9	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Selenium	1.2	J	5.0	0.50	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Silver	ND		0.75	0.25	mg/Kg	☆	10/11/22 12:06	10/12/22 16:07	1
Sodium	472		174	16.2	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Thallium	ND		7.5	0.37	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Vanadium	44.3		0.62	0.14	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1
Zinc	71.3		2.5	0.80	mg/Kg	☆	10/05/22 12:02	10/06/22 19:49	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.035		0.025	0.0056	mg/Kg	☆	10/07/22 09:59	10/07/22 13:25	1

Client Sample ID: SB-12

Date Collected: 10/04/22 10:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-9

Matrix: Solid

Percent Solids: 87.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	28	4.8	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Benzene	ND	vs	5.7	0.28	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Bromodichloromethane	ND	vs	5.7	0.76	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Bromoform	ND	vs	5.7	2.8	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Bromomethane	ND	vs	5.7	0.51	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Carbon disulfide	ND	vs	5.7	2.8	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Carbon tetrachloride	ND	vs	5.7	0.55	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Chlorobenzene	ND	vs	5.7	0.75	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Chloroethane	ND	vs	5.7	1.3	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Chloroform	0.40	J vs	5.7	0.35	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Chloromethane	ND	vs	5.7	0.34	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
cis-1,2-Dichloroethene	ND	vs	5.7	0.73	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
cis-1,3-Dichloropropene	ND	vs	5.7	0.82	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Cyclohexane	ND	vs	5.7	0.80	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
Dibromochloromethane	ND	vs	5.7	0.73	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
1,2-Dibromo-3-Chloropropane	ND	*3 vs	5.7	2.8	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
1,2-Dibromoethane	ND	vs	5.7	0.73	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
1,2-Dichlorobenzene	ND	*3 vs	5.7	0.45	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1
1,3-Dichlorobenzene	ND	*3 vs	5.7	0.29	ug/Kg	☆	10/06/22 17:37	10/06/22 22:57	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-12

Lab Sample ID: 480-202325-9

Date Collected: 10/04/22 10:30

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND	*3 vs	5.7	0.80	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Dichlorodifluoromethane	ND	vs	5.7	0.47	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1-Dichloroethane	ND	vs	5.7	0.69	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,2-Dichloroethane	ND	vs	5.7	0.29	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1-Dichloroethene	ND	vs	5.7	0.70	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,2-Dichloropropane	ND	vs	5.7	2.8	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Ethylbenzene	ND	vs	5.7	0.39	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Isopropylbenzene	ND	*3 vs	5.7	0.86	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Methylcyclohexane	ND	vs	5.7	0.87	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Methylene Chloride	ND	vs	5.7	2.6	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.9	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Methyl tert-butyl ether	ND	vs	5.7	0.56	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Styrene	ND	vs	5.7	0.28	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1,2,2-Tetrachloroethane	ND	*3 vs	5.7	0.92	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Tetrachloroethene	ND	vs	5.7	0.76	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Toluene	ND	vs	5.7	0.43	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
trans-1,2-Dichloroethene	ND	vs	5.7	0.59	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
trans-1,3-Dichloropropene	ND	vs	5.7	2.5	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,2,4-Trichlorobenzene	ND	*3 vs	5.7	0.35	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1,1-Trichloroethane	ND	vs	5.7	0.41	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1,2-Trichloroethane	ND	vs	5.7	0.74	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Trichloroethene	ND	vs	5.7	1.3	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Trichlorofluoromethane	ND	vs	5.7	0.54	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.7	1.3	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Vinyl chloride	ND	vs	5.7	0.69	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1
Xylenes, Total	ND	vs	11	0.96	ug/Kg	✱	10/06/22 17:37	10/06/22 22:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		72 - 126	10/06/22 17:37	10/06/22 22:57	1
Dibromofluoromethane (Surr)	105		60 - 140	10/06/22 17:37	10/06/22 22:57	1
1,2-Dichloroethane-d4 (Surr)	110		64 - 126	10/06/22 17:37	10/06/22 22:57	1
Toluene-d8 (Surr)	109		71 - 125	10/06/22 17:37	10/06/22 22:57	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		950	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Acenaphthylene	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Acetophenone	ND		950	130	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Anthracene	ND		950	230	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Atrazine	ND		950	330	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzaldehyde	ND		950	750	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzo[a]anthracene	140	J	950	95	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzo[a]pyrene	160	J	950	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzo[b]fluoranthene	170	J	950	150	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzo[g,h,i]perylene	120	J	950	100	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Benzo[k]fluoranthene	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Biphenyl	ND		950	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Bis(2-chloroethoxy)methane	ND		950	200	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-12

Lab Sample ID: 480-202325-9

Date Collected: 10/04/22 10:30

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
bis (2-chloroisopropyl) ether	ND		950	190	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Bis(2-ethylhexyl) phthalate	ND		950	320	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Bromophenyl phenyl ether	ND		950	130	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Butyl benzyl phthalate	ND		950	160	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Caprolactam	ND		950	290	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Carbazole	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Chloroaniline	ND		950	230	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Chloro-3-methylphenol	ND		950	230	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Chloronaphthalene	ND		950	160	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Chlorophenol	ND		1800	170	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Chlorophenyl phenyl ether	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Chrysene	ND		950	210	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Dibenz(a,h)anthracene	ND		950	170	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Dibenzofuran	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
3,3'-Dichlorobenzidine	ND		1800	1100	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2,4-Dichlorophenol	ND		950	100	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Diethyl phthalate	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2,4-Dimethylphenol	ND		950	230	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Dimethyl phthalate	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Di-n-butyl phthalate	ND		950	160	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4,6-Dinitro-2-methylphenol	ND		1800	950	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2,4-Dinitrophenol	ND		9300	4400	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2,4-Dinitrotoluene	ND		950	200	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2,6-Dinitrotoluene	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Di-n-octyl phthalate	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Fluoranthene	230 J		950	100	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Fluorene	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Hexachlorobenzene	ND		950	130	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Hexachlorobutadiene	ND		950	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Hexachlorocyclopentadiene	ND		950	130	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Hexachloroethane	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Indeno[1,2,3-cd]pyrene	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Isophorone	ND		950	200	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Methylnaphthalene	ND		950	190	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Methylphenol	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Methylphenol	ND		1800	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Naphthalene	ND		950	120	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Nitroaniline	ND		1800	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
3-Nitroaniline	ND		1800	260	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Nitroaniline	ND		1800	500	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Nitrobenzene	ND		950	110	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
2-Nitrophenol	ND		950	270	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
4-Nitrophenol	ND		1800	670	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
N-Nitrosodi-n-propylamine	ND		950	160	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
N-Nitrosodiphenylamine	ND		950	770	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Pentachlorophenol	ND		1800	950	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Phenanthrene	ND		950	140	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5
Phenol	ND		950	150	ug/Kg	✱	10/05/22 15:48	10/06/22 18:03	5

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-12

Date Collected: 10/04/22 10:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-9

Matrix: Solid

Percent Solids: 87.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene	270	J	950	110	ug/Kg	☆	10/05/22 15:48	10/06/22 18:03	5
2,4,5-Trichlorophenol	ND		950	260	ug/Kg	☆	10/05/22 15:48	10/06/22 18:03	5
2,4,6-Trichlorophenol	ND		950	190	ug/Kg	☆	10/05/22 15:48	10/06/22 18:03	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	100		60 - 120				10/05/22 15:48	10/06/22 18:03	5
2-Fluorophenol (Surr)	76		52 - 120				10/05/22 15:48	10/06/22 18:03	5
Nitrobenzene-d5 (Surr)	87		53 - 120				10/05/22 15:48	10/06/22 18:03	5
Phenol-d5 (Surr)	91		54 - 120				10/05/22 15:48	10/06/22 18:03	5
p-Terphenyl-d14 (Surr)	108		79 - 130				10/05/22 15:48	10/06/22 18:03	5
2,4,6-Tribromophenol (Surr)	100		54 - 120				10/05/22 15:48	10/06/22 18:03	5

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17700		10.8	4.7	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Antimony	0.65	J	16.2	0.43	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Arsenic	7.6		2.2	0.43	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Barium	97.6		0.54	0.12	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Beryllium	0.71		0.22	0.030	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Cadmium	0.23		0.22	0.032	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Calcium	43000		53.9	3.6	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Chromium	21.2	B	0.54	0.22	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Cobalt	9.9		0.54	0.054	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Copper	24.6		1.1	0.23	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Iron	18800	B	10.8	3.8	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Lead	48.3		1.1	0.26	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Magnesium	16400	B	21.6	1.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Manganese	468	B	0.22	0.035	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Nickel	21.4		5.4	0.25	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Potassium	5130		32.4	21.6	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Selenium	0.94	J	4.3	0.43	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Silver	ND		0.70	0.23	mg/Kg	☆	10/11/22 12:06	10/12/22 16:10	1
Sodium	319		151	14.0	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Thallium	ND		6.5	0.32	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Vanadium	33.2		0.54	0.12	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1
Zinc	71.5		2.2	0.69	mg/Kg	☆	10/05/22 12:02	10/06/22 19:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.050		0.022	0.0050	mg/Kg	☆	10/07/22 09:59	10/07/22 13:27	1

Client Sample ID: GWSB-3

Date Collected: 10/04/22 11:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-10

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	6.5	J	10	3.0	ug/L			10/08/22 00:23	1
Benzene	ND		1.0	0.41	ug/L			10/08/22 00:23	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/08/22 00:23	1
Bromoform	ND		1.0	0.26	ug/L			10/08/22 00:23	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: GWSB-3

Lab Sample ID: 480-202325-10

Date Collected: 10/04/22 11:40

Matrix: Water

Date Received: 10/04/22 17:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			10/08/22 00:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/08/22 00:23	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/08/22 00:23	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/08/22 00:23	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/08/22 00:23	1
Chloroethane	ND		1.0	0.32	ug/L			10/08/22 00:23	1
Chloroform	ND		1.0	0.34	ug/L			10/08/22 00:23	1
Chloromethane	ND		1.0	0.35	ug/L			10/08/22 00:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/08/22 00:23	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/08/22 00:23	1
Cyclohexane	ND		1.0	0.18	ug/L			10/08/22 00:23	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/08/22 00:23	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/08/22 00:23	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/08/22 00:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/08/22 00:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/08/22 00:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/08/22 00:23	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/08/22 00:23	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/08/22 00:23	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/08/22 00:23	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/08/22 00:23	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/08/22 00:23	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/08/22 00:23	1
2-Hexanone	ND		5.0	1.2	ug/L			10/08/22 00:23	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/08/22 00:23	1
Methyl acetate	ND		2.5	1.3	ug/L			10/08/22 00:23	1
Methylcyclohexane	0.29	J	1.0	0.16	ug/L			10/08/22 00:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/08/22 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/08/22 00:23	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/08/22 00:23	1
Styrene	ND		1.0	0.73	ug/L			10/08/22 00:23	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/08/22 00:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/08/22 00:23	1
Toluene	ND		1.0	0.51	ug/L			10/08/22 00:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/08/22 00:23	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/08/22 00:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/08/22 00:23	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/08/22 00:23	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/08/22 00:23	1
Trichloroethene	ND		1.0	0.46	ug/L			10/08/22 00:23	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/08/22 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/08/22 00:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/08/22 00:23	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/08/22 00:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		73 - 120		10/08/22 00:23	1
Dibromofluoromethane (Surr)	111		75 - 123		10/08/22 00:23	1
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		10/08/22 00:23	1
Toluene-d8 (Surr)	100		80 - 120		10/08/22 00:23	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: GWSB-3

Lab Sample ID: 480-202325-10

Date Collected: 10/04/22 11:40

Matrix: Water

Date Received: 10/04/22 17:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		25	2.1	ug/L		10/06/22 08:28	10/07/22 14:03	1
Acenaphthylene	ND		25	1.9	ug/L		10/06/22 08:28	10/07/22 14:03	1
Acetophenone	ND		25	2.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
Anthracene	ND		25	1.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
Atrazine	ND		25	2.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzaldehyde	ND		25	1.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzo(a)anthracene	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzo(a)pyrene	ND		25	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzo(b)fluoranthene	ND		25	1.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Benzo(k)fluoranthene	ND		25	3.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
Biphenyl	ND		25	3.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
Butyl benzyl phthalate	ND		25	5.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Caprolactam	ND		25	11	ug/L		10/06/22 08:28	10/07/22 14:03	1
Carbazole	ND	+	25	1.5	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Chloroaniline	ND		25	3.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Chloronaphthalene	ND		25	2.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Chlorophenol	ND		25	2.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Chrysene	ND		25	1.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		10/06/22 08:28	10/07/22 14:03	1
Dibenzofuran	ND		50	2.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4-Dichlorophenol	ND		25	2.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
Diethyl phthalate	15 J B		25	1.1	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4-Dimethylphenol	ND		25	2.5	ug/L		10/06/22 08:28	10/07/22 14:03	1
Dimethyl phthalate	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Di-n-butyl phthalate	ND		25	1.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4-Dinitrophenol	ND		50	11	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4-Dinitrotoluene	ND		25	2.2	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,6-Dinitrotoluene	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Di-n-octyl phthalate	ND		25	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
Fluoranthene	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Fluorene	ND		25	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Hexachlorobenzene	ND		25	2.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
Hexachlorobutadiene	ND		25	3.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Hexachloroethane	ND		25	3.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
Isophorone	ND		25	2.2	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Methylnaphthalene	ND		25	3.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Methylphenol	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: GWSB-3

Lab Sample ID: 480-202325-10

Date Collected: 10/04/22 11:40

Matrix: Water

Date Received: 10/04/22 17:00

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methylphenol	ND		50	1.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
Naphthalene	ND		25	3.8	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Nitroaniline	ND		50	2.1	ug/L		10/06/22 08:28	10/07/22 14:03	1
3-Nitroaniline	ND		50	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Nitroaniline	ND	+	50	1.3	ug/L		10/06/22 08:28	10/07/22 14:03	1
Nitrobenzene	ND		25	1.5	ug/L		10/06/22 08:28	10/07/22 14:03	1
2-Nitrophenol	ND		25	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
4-Nitrophenol	ND		50	7.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		10/06/22 08:28	10/07/22 14:03	1
Pentachlorophenol	ND		50	11	ug/L		10/06/22 08:28	10/07/22 14:03	1
Phenanthrene	ND		25	2.2	ug/L		10/06/22 08:28	10/07/22 14:03	1
Phenol	ND		25	2.0	ug/L		10/06/22 08:28	10/07/22 14:03	1
Pyrene	ND		25	1.7	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		10/06/22 08:28	10/07/22 14:03	1
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		10/06/22 08:28	10/07/22 14:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	97		48 - 120	10/06/22 08:28	10/07/22 14:03	1
2-Fluorophenol	68		35 - 120	10/06/22 08:28	10/07/22 14:03	1
Nitrobenzene-d5	86		46 - 120	10/06/22 08:28	10/07/22 14:03	1
Phenol-d5	53		22 - 120	10/06/22 08:28	10/07/22 14:03	1
p-Terphenyl-d14	97		60 - 148	10/06/22 08:28	10/07/22 14:03	1
2,4,6-Tribromophenol	72		41 - 120	10/06/22 08:28	10/07/22 14:03	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	38.1		0.20	0.060	mg/L		10/06/22 16:17	10/07/22 15:39	1
Antimony	ND		0.020	0.0068	mg/L		10/06/22 16:17	10/07/22 15:39	1
Arsenic	0.035		0.015	0.0056	mg/L		10/06/22 16:17	10/07/22 15:39	1
Barium	0.38		0.0020	0.00070	mg/L		10/06/22 16:17	10/07/22 15:39	1
Beryllium	0.0026		0.0020	0.00030	mg/L		10/06/22 16:17	10/07/22 15:39	1
Cadmium	0.0023		0.0020	0.00050	mg/L		10/06/22 16:17	10/07/22 15:39	1
Calcium	191		0.50	0.10	mg/L		10/06/22 16:17	10/07/22 15:39	1
Chromium	0.066		0.0040	0.0010	mg/L		10/06/22 16:17	10/07/22 15:39	1
Cobalt	0.022		0.0040	0.00063	mg/L		10/06/22 16:17	10/07/22 15:39	1
Copper	0.081		0.010	0.0016	mg/L		10/06/22 16:17	10/07/22 15:39	1
Iron	63.2		0.050	0.019	mg/L		10/06/22 16:17	10/07/22 15:39	1
Lead	0.25		0.010	0.0030	mg/L		10/06/22 16:17	10/07/22 15:39	1
Magnesium	48.6		0.20	0.043	mg/L		10/06/22 16:17	10/07/22 15:39	1
Manganese	1.5	B	0.0030	0.00040	mg/L		10/06/22 16:17	10/07/22 15:39	1
Nickel	0.059		0.010	0.0013	mg/L		10/06/22 16:17	10/07/22 15:39	1
Potassium	15.3		0.50	0.10	mg/L		10/06/22 16:17	10/07/22 15:39	1
Selenium	ND		0.025	0.0087	mg/L		10/06/22 16:17	10/07/22 15:39	1
Silver	ND		0.0060	0.0017	mg/L		10/06/22 16:17	10/07/22 15:39	1
Sodium	55.7		1.0	0.32	mg/L		10/06/22 16:17	10/07/22 15:39	1
Thallium	ND		0.020	0.010	mg/L		10/06/22 16:17	10/07/22 15:39	1
Vanadium	0.088		0.0050	0.0015	mg/L		10/06/22 16:17	10/07/22 15:39	1
Zinc	1.1		0.010	0.0015	mg/L		10/06/22 16:17	10/07/22 15:39	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: GWSB-3

Lab Sample ID: 480-202325-10

Date Collected: 10/04/22 11:40

Matrix: Water

Date Received: 10/04/22 17:00

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0010		0.00020	0.000043	mg/L		10/06/22 10:45	10/06/22 14:27	1

Client Sample ID: SB-14

Lab Sample ID: 480-202325-11

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	vs	28	4.7	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Benzene	ND	vs	5.6	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Bromodichloromethane	ND	vs	5.6	0.75	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Bromoform	ND	vs	5.6	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Bromomethane	ND	vs	5.6	0.51	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
2-Butanone (MEK)	ND	vs	28	2.1	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Carbon disulfide	ND	vs	5.6	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Carbon tetrachloride	ND	vs	5.6	0.54	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Chlorobenzene	ND	vs	5.6	0.74	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Chloroethane	ND	vs	5.6	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Chloroform	0.37	J vs	5.6	0.35	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Chloromethane	ND	vs	5.6	0.34	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
cis-1,2-Dichloroethene	ND	vs	5.6	0.72	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
cis-1,3-Dichloropropene	ND	vs	5.6	0.81	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Cyclohexane	ND	vs	5.6	0.79	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Dibromochloromethane	ND	vs	5.6	0.72	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.6	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2-Dibromoethane	ND	vs	5.6	0.72	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2-Dichlorobenzene	ND	vs	5.6	0.44	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,3-Dichlorobenzene	ND	vs	5.6	0.29	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,4-Dichlorobenzene	ND	vs	5.6	0.79	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Dichlorodifluoromethane	ND	vs	5.6	0.47	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,1-Dichloroethane	ND	vs	5.6	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2-Dichloroethane	ND	vs	5.6	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,1-Dichloroethene	ND	vs	5.6	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2-Dichloropropane	ND	vs	5.6	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Ethylbenzene	ND	vs	5.6	0.39	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
2-Hexanone	ND	vs	28	2.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Isopropylbenzene	ND	vs	5.6	0.85	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Methyl acetate	ND	vs	28	3.4	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Methylcyclohexane	ND	vs	5.6	0.86	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Methylene Chloride	ND	vs	5.6	2.6	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
4-Methyl-2-pentanone (MIBK)	ND	vs	28	1.8	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Methyl tert-butyl ether	ND	vs	5.6	0.55	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Styrene	ND	vs	5.6	0.28	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,1,2,2-Tetrachloroethane	ND	vs	5.6	0.91	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Tetrachloroethene	ND	vs	5.6	0.76	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Toluene	ND	vs	5.6	0.43	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
trans-1,2-Dichloroethene	ND	vs	5.6	0.58	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
trans-1,3-Dichloropropene	ND	vs	5.6	2.5	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,2,4-Trichlorobenzene	ND	vs	5.6	0.34	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,1,1-Trichloroethane	ND	vs	5.6	0.41	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-14

Lab Sample ID: 480-202325-11

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND	vs	5.6	0.73	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Trichloroethene	ND	vs	5.6	1.2	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Trichlorofluoromethane	ND	vs	5.6	0.53	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.6	1.3	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Vinyl chloride	ND	vs	5.6	0.69	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1
Xylenes, Total	ND	vs	11	0.95	ug/Kg	✱	10/05/22 17:38	10/06/22 01:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 126	10/05/22 17:38	10/06/22 01:45	1
Dibromofluoromethane (Surr)	100		60 - 140	10/05/22 17:38	10/06/22 01:45	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/05/22 17:38	10/06/22 01:45	1
Toluene-d8 (Surr)	100		71 - 125	10/05/22 17:38	10/06/22 01:45	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Acenaphthylene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Acetophenone	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Anthracene	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Atrazine	ND		190	67	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzaldehyde	ND		190	150	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzo[a]anthracene	20	J	190	19	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzo[a]pyrene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzo[b]fluoranthene	ND		190	30	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzo[g,h,i]perylene	ND		190	20	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Benzo[k]fluoranthene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Biphenyl	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Bis(2-chloroethoxy)methane	ND		190	41	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Bis(2-chloroethyl)ether	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
bis (2-chloroisopropyl) ether	ND		190	38	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Bis(2-ethylhexyl) phthalate	ND		190	65	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Bromophenyl phenyl ether	ND		190	27	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Butyl benzyl phthalate	ND		190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Caprolactam	ND		190	58	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Carbazole	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Chloroaniline	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Chloro-3-methylphenol	ND		190	47	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Chloronaphthalene	ND		190	32	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Chlorophenol	ND		370	35	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Chlorophenyl phenyl ether	ND		190	24	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Chrysene	ND		190	43	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Dibenz(a,h)anthracene	ND		190	34	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Dibenzofuran	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
3,3'-Dichlorobenzidine	ND		370	230	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,4-Dichlorophenol	ND		190	20	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Diethyl phthalate	100	J B	190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,4-Dimethylphenol	ND		190	46	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Dimethyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Di-n-butyl phthalate	ND		190	33	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4,6-Dinitro-2-methylphenol	ND		370	190	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-14

Lab Sample ID: 480-202325-11

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		1900	880	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,4-Dinitrotoluene	ND		190	39	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,6-Dinitrotoluene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Di-n-octyl phthalate	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Fluoranthene	38	J	190	20	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Fluorene	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Hexachlorobenzene	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Hexachlorobutadiene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Hexachlorocyclopentadiene	ND		190	26	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Hexachloroethane	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Indeno[1,2,3-cd]pyrene	ND		190	24	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Isophorone	ND		190	41	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Methylnaphthalene	ND		190	38	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Methylphenol	ND		190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Methylphenol	ND		370	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Naphthalene	ND		190	25	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Nitroaniline	ND		370	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
3-Nitroaniline	ND		370	53	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Nitroaniline	ND		370	100	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Nitrobenzene	ND		190	21	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2-Nitrophenol	ND		190	54	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
4-Nitrophenol	ND		370	130	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
N-Nitrosodi-n-propylamine	ND		190	33	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
N-Nitrosodiphenylamine	ND		190	160	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Pentachlorophenol	ND		370	190	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Phenanthrene	ND		190	28	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Phenol	ND		190	29	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
Pyrene	29	J	190	23	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,4,5-Trichlorophenol	ND		190	52	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1
2,4,6-Trichlorophenol	ND		190	38	ug/Kg	✱	10/05/22 15:48	10/06/22 18:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	102		60 - 120	10/05/22 15:48	10/06/22 18:27	1
2-Fluorophenol (Surr)	86		52 - 120	10/05/22 15:48	10/06/22 18:27	1
Nitrobenzene-d5 (Surr)	91		53 - 120	10/05/22 15:48	10/06/22 18:27	1
Phenol-d5 (Surr)	97		54 - 120	10/05/22 15:48	10/06/22 18:27	1
p-Terphenyl-d14 (Surr)	108		79 - 130	10/05/22 15:48	10/06/22 18:27	1
2,4,6-Tribromophenol (Surr)	106		54 - 120	10/05/22 15:48	10/06/22 18:27	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	14000		11.1	4.9	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Antimony	0.52	J	16.6	0.44	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Arsenic	3.7		2.2	0.44	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Barium	85.9		0.55	0.12	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Beryllium	0.60		0.22	0.031	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Cadmium	0.37		0.22	0.033	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Calcium	56900		55.4	3.7	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Chromium	17.1	B	0.55	0.22	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1
Cobalt	8.8		0.55	0.055	mg/Kg	✱	10/05/22 12:02	10/06/22 19:56	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-14

Lab Sample ID: 480-202325-11

Date Collected: 10/04/22 11:20

Matrix: Solid

Date Received: 10/04/22 17:00

Percent Solids: 87.6

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	17.6		1.1	0.23	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Iron	16600	B	11.1	3.9	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Lead	14.2		1.1	0.27	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Magnesium	21600	B	22.1	1.0	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Manganese	448	B	0.22	0.035	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Nickel	18.4		5.5	0.25	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Potassium	4990		33.2	22.1	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Selenium	0.47	J	4.4	0.44	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Silver	ND		0.67	0.22	mg/Kg	⚡	10/10/22 08:23	10/11/22 20:08	1
Sodium	247		155	14.4	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Thallium	ND		6.6	0.33	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Vanadium	27.3		0.55	0.12	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1
Zinc	90.4		2.2	0.71	mg/Kg	⚡	10/05/22 12:02	10/06/22 19:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.011	J	0.023	0.0053	mg/Kg	⚡	10/07/22 09:59	10/07/22 13:28	1

Surrogate Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-126)	DBFM (60-140)	DCA (64-126)	TOL (71-125)
480-202325-1	SB-1	93	103	105	102
480-202325-2	SB-2	97	100	100	100
480-202325-3	SB-4	85	100	105	111
480-202325-4	SB-6	79	104	103	118
480-202325-5	SB-7	94	102	103	104
480-202325-6	SB-8	92	90	104	102
480-202325-7	SB-9	91	100	102	102
480-202325-8	SB-11	95	101	104	102
480-202325-9	SB-12	82	105	110	109
480-202325-11	SB-14	96	100	102	100
LCS 480-644154/1-A	Lab Control Sample	95	101	101	100
LCS 480-644344/1-A	Lab Control Sample	96	101	102	100
MB 480-644154/2-A	Method Blank	97	101	101	99
MB 480-644344/2-A	Method Blank	97	101	102	99

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

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (73-120)	DBFM (75-123)	DCA (77-120)	TOL (80-120)
480-202325-10	GWSB-3	104	111	109	100
LCS 480-644494/9	Lab Control Sample	104	105	103	100
LCSD 480-644494/34	Lab Control Sample Dup	100	109	108	98
MB 480-644494/13	Method Blank	95	102	99	95

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

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (60-120)	2FP (52-120)	NBZ (53-120)	PHL (54-120)	TPHD14 (79-130)	TBP (54-120)
480-202325-1	SB-1	107	94	100	100	120	114
480-202325-1 MS	SB-1	109	90	96	99	122	125 S1+
480-202325-1 MSD	SB-1	84	66	73	75	112	113
480-202325-2	SB-2	109	74	77	80	120	111
480-202325-3	SB-4	91	60	68	80	112	106
480-202325-4	SB-6	110	96	101	102	115	120
480-202325-5	SB-7	109	98	102	103	115	114

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Surrogate Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (60-120)	2FP (52-120)	NBZ (53-120)	PHL (54-120)	TPHd14 (79-130)	TBP (54-120)
480-202325-6	SB-8	105	68	83	89	121	35 S1-
480-202325-7	SB-9	113	97	102	106	119	116
480-202325-8	SB-11	94	81	86	88	103	101
480-202325-9	SB-12	100	76	87	91	108	100
480-202325-11	SB-14	102	86	91	97	108	106
LCS 480-644144/2-A	Lab Control Sample	98	83	92	91	112	117
MB 480-644144/1-A	Method Blank	107	93	103	100	114	95

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)	TBP (41-120)
480-202325-10	GWSB-3	97	68	86	53	97	72
LCS 480-644189/2-A	Lab Control Sample	100	69	86	61	97	86
MB 480-644189/1-A	Method Blank	79	59	67	48	96	52

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14
TBP = 2,4,6-Tribromophenol

QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: MB 480-644154/2-A

Matrix: Solid

Analysis Batch: 644156

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644154

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.2	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Benzene	ND		5.0	0.25	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Bromoform	ND		5.0	2.5	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Chloroform	ND		5.0	0.31	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
2-Hexanone	ND		25	2.5	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Methyl acetate	ND		25	3.0	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Styrene	ND		5.0	0.25	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Toluene	ND		5.0	0.38	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/05/22 17:38	10/05/22 21:20	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/05/22 17:38	10/05/22 21:20	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: MB 480-644154/2-A

Matrix: Solid

Analysis Batch: 644156

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644154

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 126	10/05/22 17:38	10/05/22 21:20	1
Dibromofluoromethane (Surr)	101		60 - 140	10/05/22 17:38	10/05/22 21:20	1
1,2-Dichloroethane-d4 (Surr)	101		64 - 126	10/05/22 17:38	10/05/22 21:20	1
Toluene-d8 (Surr)	99		71 - 125	10/05/22 17:38	10/05/22 21:20	1

Lab Sample ID: LCS 480-644154/1-A

Matrix: Solid

Analysis Batch: 644156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	250	231		ug/Kg		93	61 - 137
Benzene	50.0	48.9		ug/Kg		98	79 - 127
Bromodichloromethane	50.0	50.1		ug/Kg		100	80 - 122
Bromoform	50.0	45.5		ug/Kg		91	68 - 126
Bromomethane	50.0	54.6		ug/Kg		109	37 - 149
2-Butanone (MEK)	250	258		ug/Kg		103	70 - 134
Carbon disulfide	50.0	46.9		ug/Kg		94	64 - 131
Carbon tetrachloride	50.0	46.9		ug/Kg		94	75 - 135
Chlorobenzene	50.0	44.7		ug/Kg		89	76 - 124
Chloroethane	50.0	54.8		ug/Kg		110	69 - 135
Chloroform	50.0	46.6		ug/Kg		93	80 - 120
Chloromethane	50.0	54.9		ug/Kg		110	63 - 127
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	81 - 120
cis-1,3-Dichloropropene	50.0	50.8		ug/Kg		102	80 - 120
Cyclohexane	50.0	51.4		ug/Kg		103	65 - 120
Dibromochloromethane	50.0	46.2		ug/Kg		92	76 - 125
1,2-Dibromo-3-Chloropropane	50.0	44.1		ug/Kg		88	63 - 124
1,2-Dibromoethane	50.0	44.7		ug/Kg		89	78 - 120
1,2-Dichlorobenzene	50.0	43.3		ug/Kg		87	75 - 120
1,3-Dichlorobenzene	50.0	44.6		ug/Kg		89	74 - 120
1,4-Dichlorobenzene	50.0	44.2		ug/Kg		88	73 - 120
Dichlorodifluoromethane	50.0	51.4		ug/Kg		103	57 - 142
1,1-Dichloroethane	50.0	49.8		ug/Kg		100	73 - 126
1,2-Dichloroethane	50.0	48.5		ug/Kg		97	77 - 122
1,1-Dichloroethene	50.0	48.2		ug/Kg		96	59 - 125
1,2-Dichloropropane	50.0	51.0		ug/Kg		102	75 - 124
Ethylbenzene	50.0	45.3		ug/Kg		91	80 - 120
2-Hexanone	250	238		ug/Kg		95	59 - 130
Isopropylbenzene	50.0	47.1		ug/Kg		94	72 - 120
Methyl acetate	100	92.9		ug/Kg		93	55 - 136
Methylcyclohexane	50.0	48.5		ug/Kg		97	60 - 140
Methylene Chloride	50.0	50.6		ug/Kg		101	61 - 127
4-Methyl-2-pentanone (MIBK)	250	235		ug/Kg		94	65 - 133
Methyl tert-butyl ether	50.0	47.3		ug/Kg		95	63 - 125
Styrene	50.0	43.5		ug/Kg		87	80 - 120
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	80 - 120
Tetrachloroethene	50.0	43.2		ug/Kg		86	74 - 122
Toluene	50.0	45.6		ug/Kg		91	74 - 128

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: LCS 480-644154/1-A

Matrix: Solid

Analysis Batch: 644156

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644154

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	50.0	46.9		ug/Kg		94	78 - 126
trans-1,3-Dichloropropene	50.0	46.6		ug/Kg		93	73 - 123
1,2,4-Trichlorobenzene	50.0	41.5		ug/Kg		83	64 - 120
1,1,1-Trichloroethane	50.0	46.5		ug/Kg		93	77 - 121
1,1,2-Trichloroethane	50.0	46.2		ug/Kg		92	78 - 122
Trichloroethene	50.0	47.7		ug/Kg		95	77 - 129
Trichlorofluoromethane	50.0	50.8		ug/Kg		102	65 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	45.4		ug/Kg		91	60 - 140
Vinyl chloride	50.0	53.8		ug/Kg		108	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		72 - 126
Dibromofluoromethane (Surr)	101		60 - 140
1,2-Dichloroethane-d4 (Surr)	101		64 - 126
Toluene-d8 (Surr)	100		71 - 125

Lab Sample ID: MB 480-644344/2-A

Matrix: Solid

Analysis Batch: 644346

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		25	4.2	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Benzene	ND		5.0	0.25	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Bromoform	ND		5.0	2.5	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Bromomethane	ND		5.0	0.45	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Chloroethane	ND		5.0	1.1	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Chloroform	ND		5.0	0.31	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Chloromethane	ND		5.0	0.30	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Cyclohexane	ND		5.0	0.70	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		10/06/22 17:37	10/06/22 20:56	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: MB 480-644344/2-A

Matrix: Solid

Analysis Batch: 644346

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	ND		25	2.5	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Methyl acetate	ND		25	3.0	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Styrene	ND		5.0	0.25	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Toluene	ND		5.0	0.38	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Trichloroethene	ND		5.0	1.1	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		10/06/22 17:37	10/06/22 20:56	1
Xylenes, Total	ND		10	0.84	ug/Kg		10/06/22 17:37	10/06/22 20:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		72 - 126	10/06/22 17:37	10/06/22 20:56	1
Dibromofluoromethane (Surr)	101		60 - 140	10/06/22 17:37	10/06/22 20:56	1
1,2-Dichloroethane-d4 (Surr)	102		64 - 126	10/06/22 17:37	10/06/22 20:56	1
Toluene-d8 (Surr)	99		71 - 125	10/06/22 17:37	10/06/22 20:56	1

Lab Sample ID: LCS 480-644344/1-A

Matrix: Solid

Analysis Batch: 644346

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acetone	250	235		ug/Kg		94	61 - 137
Benzene	50.0	49.0		ug/Kg		98	79 - 127
Bromodichloromethane	50.0	50.1		ug/Kg		100	80 - 122
Bromoform	50.0	44.7		ug/Kg		89	68 - 126
Bromomethane	50.0	54.5		ug/Kg		109	37 - 149
2-Butanone (MEK)	250	266		ug/Kg		107	70 - 134
Carbon disulfide	50.0	45.1		ug/Kg		90	64 - 131
Carbon tetrachloride	50.0	44.8		ug/Kg		90	75 - 135
Chlorobenzene	50.0	43.4		ug/Kg		87	76 - 124
Chloroethane	50.0	53.9		ug/Kg		108	69 - 135
Chloroform	50.0	47.5		ug/Kg		95	80 - 120
Chloromethane	50.0	57.0		ug/Kg		114	63 - 127
cis-1,2-Dichloroethene	50.0	47.9		ug/Kg		96	81 - 120
cis-1,3-Dichloropropene	50.0	50.9		ug/Kg		102	80 - 120
Cyclohexane	50.0	50.1		ug/Kg		100	65 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: LCS 480-644344/1-A

Matrix: Solid

Analysis Batch: 644346

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dibromochloromethane	50.0	46.2		ug/Kg		92	76 - 125
1,2-Dibromo-3-Chloropropane	50.0	45.9		ug/Kg		92	63 - 124
1,2-Dibromoethane	50.0	44.4		ug/Kg		89	78 - 120
1,2-Dichlorobenzene	50.0	43.3		ug/Kg		87	75 - 120
1,3-Dichlorobenzene	50.0	43.8		ug/Kg		88	74 - 120
1,4-Dichlorobenzene	50.0	43.0		ug/Kg		86	73 - 120
Dichlorodifluoromethane	50.0	51.1		ug/Kg		102	57 - 142
1,1-Dichloroethane	50.0	49.7		ug/Kg		99	73 - 126
1,2-Dichloroethane	50.0	50.1		ug/Kg		100	77 - 122
1,1-Dichloroethene	50.0	46.7		ug/Kg		93	59 - 125
1,2-Dichloropropane	50.0	50.9		ug/Kg		102	75 - 124
Ethylbenzene	50.0	44.4		ug/Kg		89	80 - 120
2-Hexanone	250	245		ug/Kg		98	59 - 130
Isopropylbenzene	50.0	45.8		ug/Kg		92	72 - 120
Methyl acetate	100	99.8		ug/Kg		100	55 - 136
Methylcyclohexane	50.0	46.8		ug/Kg		94	60 - 140
Methylene Chloride	50.0	51.8		ug/Kg		104	61 - 127
4-Methyl-2-pentanone (MIBK)	250	247		ug/Kg		99	65 - 133
Methyl tert-butyl ether	50.0	49.1		ug/Kg		98	63 - 125
Styrene	50.0	43.3		ug/Kg		87	80 - 120
1,1,2,2-Tetrachloroethane	50.0	45.9		ug/Kg		92	80 - 120
Tetrachloroethene	50.0	40.2		ug/Kg		80	74 - 122
Toluene	50.0	44.8		ug/Kg		90	74 - 128
trans-1,2-Dichloroethene	50.0	46.2		ug/Kg		92	78 - 126
trans-1,3-Dichloropropene	50.0	45.9		ug/Kg		92	73 - 123
1,2,4-Trichlorobenzene	50.0	41.6		ug/Kg		83	64 - 120
1,1,1-Trichloroethane	50.0	45.6		ug/Kg		91	77 - 121
1,1,2-Trichloroethane	50.0	44.7		ug/Kg		89	78 - 122
Trichloroethene	50.0	47.6		ug/Kg		95	77 - 129
Trichlorofluoromethane	50.0	50.0		ug/Kg		100	65 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.9		ug/Kg		84	60 - 140
Vinyl chloride	50.0	53.5		ug/Kg		107	61 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 126
Dibromofluoromethane (Surr)	101		60 - 140
1,2-Dichloroethane-d4 (Surr)	102		64 - 126
Toluene-d8 (Surr)	100		71 - 125

Lab Sample ID: MB 480-644494/13

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			10/07/22 18:28	1
Benzene	ND		1.0	0.41	ug/L			10/07/22 18:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/07/22 18:28	1
Bromoform	ND		1.0	0.26	ug/L			10/07/22 18:28	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: MB 480-644494/13

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			10/07/22 18:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/07/22 18:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/07/22 18:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/07/22 18:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/07/22 18:28	1
Chloroethane	ND		1.0	0.32	ug/L			10/07/22 18:28	1
Chloroform	ND		1.0	0.34	ug/L			10/07/22 18:28	1
Chloromethane	ND		1.0	0.35	ug/L			10/07/22 18:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/22 18:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/07/22 18:28	1
Cyclohexane	ND		1.0	0.18	ug/L			10/07/22 18:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/07/22 18:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/07/22 18:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/07/22 18:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/07/22 18:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/07/22 18:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/07/22 18:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/07/22 18:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/07/22 18:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/07/22 18:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/07/22 18:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/07/22 18:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/07/22 18:28	1
2-Hexanone	ND		5.0	1.2	ug/L			10/07/22 18:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/07/22 18:28	1
Methyl acetate	ND		2.5	1.3	ug/L			10/07/22 18:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/07/22 18:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/22 18:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/07/22 18:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/07/22 18:28	1
Styrene	ND		1.0	0.73	ug/L			10/07/22 18:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/22 18:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/22 18:28	1
Toluene	ND		1.0	0.51	ug/L			10/07/22 18:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/22 18:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/07/22 18:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/07/22 18:28	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/07/22 18:28	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/07/22 18:28	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/22 18:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/07/22 18:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/07/22 18:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/07/22 18:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/07/22 18:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		73 - 120		10/07/22 18:28	1
Dibromofluoromethane (Surr)	102		75 - 123		10/07/22 18:28	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: MB 480-644494/13

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		10/07/22 18:28	1
Toluene-d8 (Surr)	95		80 - 120		10/07/22 18:28	1

Lab Sample ID: LCS 480-644494/9

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	23.6		ug/L		94	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	26.7		ug/L		107	61 - 132
Bromomethane	25.0	24.6		ug/L		98	55 - 144
2-Butanone (MEK)	125	129		ug/L		103	57 - 140
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134
Carbon tetrachloride	25.0	24.9		ug/L		100	72 - 134
Chlorobenzene	25.0	23.2		ug/L		93	80 - 120
Chloroethane	25.0	24.0		ug/L		96	69 - 136
Chloroform	25.0	23.3		ug/L		93	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	74 - 124
Cyclohexane	25.0	22.1		ug/L		89	59 - 135
Dibromochloromethane	25.0	25.2		ug/L		101	75 - 125
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	23.9		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,3-Dichlorobenzene	25.0	23.2		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
Dichlorodifluoromethane	25.0	24.6		ug/L		99	59 - 135
1,1-Dichloroethane	25.0	23.6		ug/L		94	77 - 120
1,2-Dichloroethane	25.0	24.1		ug/L		96	75 - 120
1,1-Dichloroethene	25.0	23.6		ug/L		94	66 - 127
1,2-Dichloropropane	25.0	24.1		ug/L		96	76 - 120
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
2-Hexanone	125	124		ug/L		99	65 - 127
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	50.8		ug/L		102	74 - 133
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	71 - 125
Methyl tert-butyl ether	25.0	26.2		ug/L		105	77 - 120
Styrene	25.0	23.7		ug/L		95	80 - 120
1,1,2,2-Tetrachloroethane	25.0	23.0		ug/L		92	76 - 120
Tetrachloroethene	25.0	24.4		ug/L		98	74 - 122
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		98	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		95	80 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: LCS 480-644494/9

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	25.0	23.3		ug/L		93	79 - 122
1,1,1-Trichloroethane	25.0	23.9		ug/L		96	73 - 126
1,1,2-Trichloroethane	25.0	21.8		ug/L		87	76 - 122
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	25.8		ug/L		103	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.3		ug/L		93	61 - 148
Vinyl chloride	25.0	26.3		ug/L		105	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: LCSD 480-644494/34

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone	125	151		ug/L		121	56 - 142	8	15
Benzene	25.0	22.3		ug/L		89	71 - 124	6	13
Bromodichloromethane	25.0	22.6		ug/L		90	80 - 122	4	15
Bromoform	25.0	25.4		ug/L		102	61 - 132	5	15
Bromomethane	25.0	22.9		ug/L		92	55 - 144	7	15
2-Butanone (MEK)	125	137		ug/L		109	57 - 140	6	20
Carbon disulfide	25.0	21.0		ug/L		84	59 - 134	13	15
Carbon tetrachloride	25.0	23.3		ug/L		93	72 - 134	7	15
Chlorobenzene	25.0	21.9		ug/L		88	80 - 120	6	25
Chloroethane	25.0	21.5		ug/L		86	69 - 136	11	15
Chloroform	25.0	21.7		ug/L		87	73 - 127	8	20
Chloromethane	25.0	22.8		ug/L		91	68 - 124	4	15
cis-1,2-Dichloroethene	25.0	23.6		ug/L		95	74 - 124	3	15
cis-1,3-Dichloropropene	25.0	22.9		ug/L		92	74 - 124	8	15
Cyclohexane	25.0	20.8		ug/L		83	59 - 135	6	20
Dibromochloromethane	25.0	23.8		ug/L		95	75 - 125	6	15
1,2-Dibromo-3-Chloropropane	25.0	22.9		ug/L		92	56 - 134	2	15
1,2-Dibromoethane	25.0	23.0		ug/L		92	77 - 120	4	15
1,2-Dichlorobenzene	25.0	21.5		ug/L		86	80 - 124	5	20
1,3-Dichlorobenzene	25.0	21.7		ug/L		87	77 - 120	7	20
1,4-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 120	7	20
Dichlorodifluoromethane	25.0	24.9		ug/L		100	59 - 135	1	20
1,1-Dichloroethane	25.0	22.2		ug/L		89	77 - 120	6	20
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120	4	20
1,1-Dichloroethene	25.0	21.8		ug/L		87	66 - 127	8	16
1,2-Dichloropropane	25.0	22.9		ug/L		92	76 - 120	5	20
Ethylbenzene	25.0	21.0		ug/L		84	77 - 123	10	15
2-Hexanone	125	119		ug/L		96	65 - 127	4	15
Isopropylbenzene	25.0	21.3		ug/L		85	77 - 122	8	20

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

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

Lab Sample ID: LCSD 480-644494/34

Matrix: Water

Analysis Batch: 644494

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Methyl acetate	50.0	60.9		ug/L		122	74 - 133	18	20
Methylcyclohexane	25.0	22.5		ug/L		90	68 - 134	9	20
Methylene Chloride	25.0	23.3		ug/L		93	75 - 124	4	15
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125	3	35
Methyl tert-butyl ether	25.0	26.3		ug/L		105	77 - 120	1	37
Styrene	25.0	21.9		ug/L		88	80 - 120	8	20
1,1,2,2-Tetrachloroethane	25.0	22.1		ug/L		88	76 - 120	4	15
Tetrachloroethene	25.0	22.7		ug/L		91	74 - 122	7	20
Toluene	25.0	20.7		ug/L		83	80 - 122	9	15
trans-1,2-Dichloroethene	25.0	22.4		ug/L		90	73 - 127	9	20
trans-1,3-Dichloropropene	25.0	21.9		ug/L		88	80 - 120	9	15
1,2,4-Trichlorobenzene	25.0	21.8		ug/L		87	79 - 122	7	20
1,1,1-Trichloroethane	25.0	21.8		ug/L		87	73 - 126	9	15
1,1,2-Trichloroethane	25.0	20.7		ug/L		83	76 - 122	5	15
Trichloroethene	25.0	22.4		ug/L		90	74 - 123	8	16
Trichlorofluoromethane	25.0	25.5		ug/L		102	62 - 150	1	20
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.2		ug/L		81	61 - 148	14	20
Vinyl chloride	25.0	26.0		ug/L		104	65 - 133	1	15

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		73 - 120
Dibromofluoromethane (Surr)	109		75 - 123
1,2-Dichloroethane-d4 (Surr)	108		77 - 120
Toluene-d8 (Surr)	98		80 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-644144/1-A

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		170	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Acenaphthylene	ND		170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Acetophenone	ND		170	22	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Anthracene	ND		170	41	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Atrazine	ND		170	58	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzaldehyde	ND		170	130	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzo[a]anthracene	ND		170	17	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzo[a]pyrene	ND		170	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzo[b]fluoranthene	ND		170	26	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzo[g,h,i]perylene	ND		170	18	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Benzo[k]fluoranthene	ND		170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Biphenyl	ND		170	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Bis(2-chloroethoxy)methane	ND		170	35	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Bis(2-chloroethyl)ether	ND		170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
bis (2-chloroisopropyl) ether	ND		170	33	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Bis(2-ethylhexyl) phthalate	ND		170	57	ug/Kg		10/05/22 15:48	10/06/22 13:09	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-644144/1-A

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Bromophenyl phenyl ether	ND		170	23	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Butyl benzyl phthalate	ND		170	27	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Caprolactam	ND		170	50	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Carbazole	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Chloroaniline	ND		170	41	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Chloro-3-methylphenol	ND		170	41	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Chloronaphthalene	ND		170	27	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Chlorophenol	ND		320	30	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Chlorophenyl phenyl ether	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Chrysene	ND		170	37	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Dibenz(a,h)anthracene	ND		170	29	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Dibenzofuran	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
3,3'-Dichlorobenzidine	ND		320	200	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4-Dichlorophenol	ND		170	18	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Diethyl phthalate	85.4	J	170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4-Dimethylphenol	ND		170	40	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Dimethyl phthalate	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Di-n-butyl phthalate	ND		170	28	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4,6-Dinitro-2-methylphenol	ND		320	170	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4-Dinitrophenol	ND		1600	760	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4-Dinitrotoluene	ND		170	34	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,6-Dinitrotoluene	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Di-n-octyl phthalate	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Fluoranthene	ND		170	18	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Fluorene	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Hexachlorobenzene	ND		170	22	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Hexachlorobutadiene	ND		170	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Hexachlorocyclopentadiene	ND		170	22	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Hexachloroethane	ND		170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Indeno[1,2,3-cd]pyrene	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Isophorone	ND		170	35	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Methylnaphthalene	ND		170	33	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Methylphenol	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Methylphenol	ND		320	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Naphthalene	ND		170	21	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Nitroaniline	ND		320	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
3-Nitroaniline	ND		320	46	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Nitroaniline	ND		320	87	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Nitrobenzene	ND		170	19	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2-Nitrophenol	ND		170	47	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
4-Nitrophenol	ND		320	120	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
N-Nitrosodi-n-propylamine	ND		170	28	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
N-Nitrosodiphenylamine	ND		170	130	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Pentachlorophenol	ND		320	170	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Phenanthrene	ND		170	24	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Phenol	ND		170	25	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
Pyrene	ND		170	20	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4,5-Trichlorophenol	ND		170	45	ug/Kg		10/05/22 15:48	10/06/22 13:09	1
2,4,6-Trichlorophenol	ND		170	33	ug/Kg		10/05/22 15:48	10/06/22 13:09	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	107		60 - 120	10/05/22 15:48	10/06/22 13:09	1
2-Fluorophenol (Surr)	93		52 - 120	10/05/22 15:48	10/06/22 13:09	1
Nitrobenzene-d5 (Surr)	103		53 - 120	10/05/22 15:48	10/06/22 13:09	1
Phenol-d5 (Surr)	100		54 - 120	10/05/22 15:48	10/06/22 13:09	1
p-Terphenyl-d14 (Surr)	114		79 - 130	10/05/22 15:48	10/06/22 13:09	1
2,4,6-Tribromophenol (Surr)	95		54 - 120	10/05/22 15:48	10/06/22 13:09	1

Lab Sample ID: LCS 480-644144/2-A

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	1630	1350		ug/Kg		83	62 - 120
Acenaphthylene	1630	1350		ug/Kg		83	58 - 121
Acetophenone	1630	1180		ug/Kg		73	54 - 120
Anthracene	1630	1480		ug/Kg		91	62 - 120
Atrazine	3250	2850		ug/Kg		88	60 - 127
Benzaldehyde	3250	2070		ug/Kg		64	10 - 150
Benzo[a]anthracene	1630	1410		ug/Kg		87	65 - 120
Benzo[a]pyrene	1630	1490		ug/Kg		92	64 - 120
Benzo[b]fluoranthene	1630	1400		ug/Kg		86	64 - 120
Benzo[g,h,i]perylene	1630	1430		ug/Kg		88	45 - 145
Benzo[k]fluoranthene	1630	1580		ug/Kg		97	65 - 120
Biphenyl	1630	1320		ug/Kg		81	59 - 120
Bis(2-chloroethoxy)methane	1630	1210		ug/Kg		75	55 - 120
Bis(2-chloroethyl)ether	1630	1170		ug/Kg		72	45 - 120
bis (2-chloroisopropyl) ether	1630	1120		ug/Kg		69	44 - 120
Bis(2-ethylhexyl) phthalate	1630	1380		ug/Kg		85	61 - 133
4-Bromophenyl phenyl ether	1630	1490		ug/Kg		91	58 - 120
Butyl benzyl phthalate	1630	1400		ug/Kg		86	61 - 129
Caprolactam	3250	2830		ug/Kg		87	47 - 120
Carbazole	1630	1520		ug/Kg		93	65 - 120
4-Chloroaniline	1630	1070		ug/Kg		66	38 - 120
4-Chloro-3-methylphenol	1630	1380		ug/Kg		85	61 - 120
2-Chloronaphthalene	1630	1350		ug/Kg		83	57 - 120
2-Chlorophenol	1630	1210		ug/Kg		75	53 - 120
4-Chlorophenyl phenyl ether	1630	1370		ug/Kg		85	63 - 124
Chrysene	1630	1380		ug/Kg		85	64 - 120
Dibenz(a,h)anthracene	1630	1450		ug/Kg		89	54 - 132
Dibenzofuran	1630	1340		ug/Kg		82	63 - 120
3,3'-Dichlorobenzidine	3250	2330		ug/Kg		72	54 - 120
2,4-Dichlorophenol	1630	1320		ug/Kg		81	61 - 120
Diethyl phthalate	1630	1480		ug/Kg		91	66 - 120
2,4-Dimethylphenol	1630	1270		ug/Kg		78	59 - 120
Dimethyl phthalate	1630	1400		ug/Kg		86	65 - 124
Di-n-butyl phthalate	1630	1410		ug/Kg		87	58 - 130
4,6-Dinitro-2-methylphenol	3250	3360		ug/Kg		103	49 - 122
2,4-Dinitrophenol	3250	3300		ug/Kg		102	41 - 146
2,4-Dinitrotoluene	1630	1540		ug/Kg		95	63 - 120
2,6-Dinitrotoluene	1630	1550		ug/Kg		96	66 - 120
Di-n-octyl phthalate	1630	1390		ug/Kg		85	57 - 133

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-644144/2-A

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	1630	1480		ug/Kg		91	62 - 120
Fluorene	1630	1400		ug/Kg		86	63 - 120
Hexachlorobenzene	1630	1510		ug/Kg		93	60 - 120
Hexachlorobutadiene	1630	1220		ug/Kg		75	45 - 120
Hexachlorocyclopentadiene	1630	944		ug/Kg		58	47 - 120
Hexachloroethane	1630	1080		ug/Kg		66	41 - 120
Indeno[1,2,3-cd]pyrene	1630	1440		ug/Kg		89	56 - 134
Isophorone	1630	1210		ug/Kg		74	56 - 120
2-Methylnaphthalene	1630	1190		ug/Kg		73	59 - 120
2-Methylphenol	1630	1190		ug/Kg		73	54 - 120
4-Methylphenol	1630	1240		ug/Kg		76	55 - 120
Naphthalene	1630	1220		ug/Kg		75	55 - 120
2-Nitroaniline	1630	1460		ug/Kg		90	61 - 120
3-Nitroaniline	1630	1240		ug/Kg		76	48 - 120
4-Nitroaniline	1630	1430		ug/Kg		88	56 - 120
Nitrobenzene	1630	1210		ug/Kg		74	54 - 120
2-Nitrophenol	1630	1300		ug/Kg		80	56 - 120
4-Nitrophenol	3250	2990		ug/Kg		92	43 - 147
N-Nitrosodi-n-propylamine	1630	1200		ug/Kg		74	52 - 120
N-Nitrosodiphenylamine	1630	1490		ug/Kg		92	51 - 128
Pentachlorophenol	3250	2640		ug/Kg		81	51 - 120
Phenanthrene	1630	1480		ug/Kg		91	60 - 120
Phenol	1630	1230		ug/Kg		76	53 - 120
Pyrene	1630	1510		ug/Kg		93	61 - 133
2,4,5-Trichlorophenol	1630	1440		ug/Kg		88	59 - 126
2,4,6-Trichlorophenol	1630	1450		ug/Kg		89	59 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	98		60 - 120
2-Fluorophenol (Surr)	83		52 - 120
Nitrobenzene-d5 (Surr)	92		53 - 120
Phenol-d5 (Surr)	91		54 - 120
p-Terphenyl-d14 (Surr)	112		79 - 130
2,4,6-Tribromophenol (Surr)	117		54 - 120

Lab Sample ID: 480-202325-1 MS

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: SB-1

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	ND		1900	1730		ug/Kg	✱	91	60 - 120
Acenaphthylene	ND	F2	1900	1720		ug/Kg	✱	91	58 - 121
Acetophenone	ND	F2	1900	1490		ug/Kg	✱	78	47 - 120
Anthracene	ND		1900	1830		ug/Kg	✱	96	62 - 120
Atrazine	ND	F2	3800	3630		ug/Kg	✱	95	60 - 150
Benzaldehyde	ND	F2	3800	2480		ug/Kg	✱	65	10 - 150
Benzo[a]anthracene	35	J	1900	1770		ug/Kg	✱	91	65 - 120
Benzo[a]pyrene	72	J	1900	1930		ug/Kg	✱	98	64 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202325-1 MS

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: SB-1

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[b]fluoranthene	110	J	1900	1840		ug/Kg	✱	91	10 - 150
Benzo[g,h,i]perylene	83	J	1900	1910		ug/Kg	✱	96	45 - 145
Benzo[k]fluoranthene	41	J	1900	2040		ug/Kg	✱	105	23 - 150
Biphenyl	ND	F2	1900	1680		ug/Kg	✱	89	58 - 120
Bis(2-chloroethoxy)methane	ND	F2	1900	1510		ug/Kg	✱	79	52 - 120
Bis(2-chloroethyl)ether	ND	F2	1900	1410		ug/Kg	✱	74	45 - 120
bis (2-chloroisopropyl) ether	ND	F2	1900	1360		ug/Kg	✱	71	31 - 120
Bis(2-ethylhexyl) phthalate	ND		1900	1780		ug/Kg	✱	94	61 - 133
4-Bromophenyl phenyl ether	ND		1900	1860		ug/Kg	✱	98	58 - 120
Butyl benzyl phthalate	ND		1900	1830		ug/Kg	✱	96	61 - 120
Caprolactam	ND		3800	3530		ug/Kg	✱	93	37 - 133
Carbazole	ND		1900	1960		ug/Kg	✱	103	59 - 120
4-Chloroaniline	ND	F2	1900	1370		ug/Kg	✱	72	38 - 120
4-Chloro-3-methylphenol	ND		1900	1740		ug/Kg	✱	91	49 - 125
2-Chloronaphthalene	ND	F2	1900	1710		ug/Kg	✱	90	57 - 120
2-Chlorophenol	ND	F2	1900	1530		ug/Kg	✱	80	43 - 120
4-Chlorophenyl phenyl ether	ND		1900	1740		ug/Kg	✱	91	63 - 124
Chrysene	65	J	1900	1850		ug/Kg	✱	94	64 - 120
Dibenz(a,h)anthracene	ND		1900	1890		ug/Kg	✱	99	54 - 132
Dibenzofuran	ND		1900	1710		ug/Kg	✱	90	62 - 120
3,3'-Dichlorobenzidine	ND		3800	3410		ug/Kg	✱	90	37 - 126
2,4-Dichlorophenol	ND	F2	1900	1690		ug/Kg	✱	89	45 - 120
Diethyl phthalate	110	J B	1900	1870		ug/Kg	✱	93	66 - 120
2,4-Dimethylphenol	ND		1900	1620		ug/Kg	✱	85	52 - 120
Dimethyl phthalate	ND		1900	1750		ug/Kg	✱	92	65 - 124
Di-n-butyl phthalate	ND		1900	1820		ug/Kg	✱	95	58 - 130
4,6-Dinitro-2-methylphenol	ND		3800	4340		ug/Kg	✱	114	23 - 149
2,4-Dinitrophenol	ND		3800	4270		ug/Kg	✱	112	41 - 146
2,4-Dinitrotoluene	ND		1900	1910		ug/Kg	✱	100	63 - 125
2,6-Dinitrotoluene	ND		1900	1990		ug/Kg	✱	105	66 - 120
Di-n-octyl phthalate	ND		1900	1770		ug/Kg	✱	93	57 - 133
Fluoranthene	66	J	1900	1870		ug/Kg	✱	95	62 - 120
Fluorene	ND		1900	1750		ug/Kg	✱	92	63 - 120
Hexachlorobenzene	ND		1900	1890		ug/Kg	✱	99	60 - 120
Hexachlorobutadiene	ND		1900	1450		ug/Kg	✱	76	45 - 120
Hexachlorocyclopentadiene	ND		1900	1310		ug/Kg	✱	69	31 - 120
Hexachloroethane	ND		1900	1270		ug/Kg	✱	67	21 - 120
Indeno[1,2,3-cd]pyrene	60	J	1900	1890		ug/Kg	✱	96	56 - 134
Isophorone	ND	F2	1900	1540		ug/Kg	✱	81	56 - 120
2-Methylnaphthalene	ND	F2	1900	1470		ug/Kg	✱	77	55 - 120
2-Methylphenol	ND	F2	1900	1580		ug/Kg	✱	83	48 - 120
4-Methylphenol	ND	F2	1900	1630		ug/Kg	✱	86	50 - 120
Naphthalene	ND		1900	1480		ug/Kg	✱	78	46 - 120
2-Nitroaniline	ND		1900	1840		ug/Kg	✱	97	61 - 120
3-Nitroaniline	ND	F2	1900	1640		ug/Kg	✱	86	48 - 120
4-Nitroaniline	ND		1900	1790		ug/Kg	✱	94	47 - 120
Nitrobenzene	ND	F2	1900	1470		ug/Kg	✱	77	49 - 120
2-Nitrophenol	ND	F2	1900	1630		ug/Kg	✱	86	37 - 120
4-Nitrophenol	ND		3800	3850		ug/Kg	✱	101	31 - 147

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202325-1 MS

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: SB-1

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodi-n-propylamine	ND		1900	1490		ug/Kg	✱	79	46 - 120
N-Nitrosodiphenylamine	ND		1900	1850		ug/Kg	✱	98	20 - 128
Pentachlorophenol	ND		3800	3510		ug/Kg	✱	92	25 - 136
Phenanthrene	ND		1900	1840		ug/Kg	✱	97	60 - 122
Phenol	ND		1900	1560		ug/Kg	✱	82	50 - 120
Pyrene	56	J	1900	1940		ug/Kg	✱	99	61 - 133
2,4,5-Trichlorophenol	ND		1900	1830		ug/Kg	✱	96	46 - 120
2,4,6-Trichlorophenol	ND		1900	1870		ug/Kg	✱	98	41 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	109		60 - 120
2-Fluorophenol (Surr)	90		52 - 120
Nitrobenzene-d5 (Surr)	96		53 - 120
Phenol-d5 (Surr)	99		54 - 120
p-Terphenyl-d14 (Surr)	122		79 - 130
2,4,6-Tribromophenol (Surr)	125	S1+	54 - 120

Lab Sample ID: 480-202325-1 MSD

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: SB-1

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	ND		1890	1420		ug/Kg	✱	75	60 - 120	20	35
Acenaphthylene	ND	F2	1890	1420	F2	ug/Kg	✱	75	58 - 121	19	18
Acetophenone	ND	F2	1890	1100	F2	ug/Kg	✱	58	47 - 120	30	20
Anthracene	ND		1890	1650		ug/Kg	✱	87	62 - 120	11	15
Atrazine	ND	F2	3770	2860	F2	ug/Kg	✱	76	60 - 150	24	20
Benzaldehyde	ND	F2	3770	1800	F2	ug/Kg	✱	48	10 - 150	32	20
Benzo[a]anthracene	35	J	1890	1610		ug/Kg	✱	83	65 - 120	10	15
Benzo[a]pyrene	72	J	1890	1770		ug/Kg	✱	90	64 - 120	9	15
Benzo[b]fluoranthene	110	J	1890	1650		ug/Kg	✱	82	10 - 150	11	15
Benzo[g,h,i]perylene	83	J	1890	1790		ug/Kg	✱	90	45 - 145	7	15
Benzo[k]fluoranthene	41	J	1890	1910		ug/Kg	✱	99	23 - 150	7	22
Biphenyl	ND	F2	1890	1300	F2	ug/Kg	✱	69	58 - 120	26	20
Bis(2-chloroethoxy)methane	ND	F2	1890	1110	F2	ug/Kg	✱	59	52 - 120	31	17
Bis(2-chloroethyl)ether	ND	F2	1890	1100	F2	ug/Kg	✱	58	45 - 120	25	21
bis (2-chloroisopropyl) ether	ND	F2	1890	1000	F2	ug/Kg	✱	53	31 - 120	30	24
Bis(2-ethylhexyl) phthalate	ND		1890	1580		ug/Kg	✱	84	61 - 133	12	15
4-Bromophenyl phenyl ether	ND		1890	1590		ug/Kg	✱	84	58 - 120	15	15
Butyl benzyl phthalate	ND		1890	1610		ug/Kg	✱	85	61 - 120	13	16
Caprolactam	ND		3770	3280		ug/Kg	✱	87	37 - 133	7	20
Carbazole	ND		1890	1690		ug/Kg	✱	89	59 - 120	15	20
4-Chloroaniline	ND	F2	1890	787	F2	ug/Kg	✱	42	38 - 120	54	22
4-Chloro-3-methylphenol	ND		1890	1480		ug/Kg	✱	78	49 - 125	16	27
2-Chloronaphthalene	ND	F2	1890	1320	F2	ug/Kg	✱	70	57 - 120	26	21
2-Chlorophenol	ND	F2	1890	1090	F2	ug/Kg	✱	58	43 - 120	33	25
4-Chlorophenyl phenyl ether	ND		1890	1540		ug/Kg	✱	82	63 - 124	12	16
Chrysene	65	J	1890	1670		ug/Kg	✱	85	64 - 120	10	15

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-202325-1 MSD

Matrix: Solid

Analysis Batch: 644205

Client Sample ID: SB-1

Prep Type: Total/NA

Prep Batch: 644144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Dibenz(a,h)anthracene	ND		1890	1760		ug/Kg	✱	93	54 - 132	7	15
Dibenzofuran	ND		1890	1460		ug/Kg	✱	78	62 - 120	15	15
3,3'-Dichlorobenzidine	ND		3770	2830		ug/Kg	✱	75	37 - 126	18	25
2,4-Dichlorophenol	ND	F2	1890	1270	F2	ug/Kg	✱	67	45 - 120	29	19
Diethyl phthalate	110	J B	1890	1720		ug/Kg	✱	85	66 - 120	9	15
2,4-Dimethylphenol	ND		1890	1190		ug/Kg	✱	63	52 - 120	31	42
Dimethyl phthalate	ND		1890	1570		ug/Kg	✱	83	65 - 124	11	15
Di-n-butyl phthalate	ND		1890	1620		ug/Kg	✱	86	58 - 130	11	15
4,6-Dinitro-2-methylphenol	ND		3770	3860		ug/Kg	✱	102	23 - 149	11	15
2,4-Dinitrophenol	ND		3770	3830		ug/Kg	✱	101	41 - 146	11	22
2,4-Dinitrotoluene	ND		1890	1770		ug/Kg	✱	94	63 - 125	8	20
2,6-Dinitrotoluene	ND		1890	1760		ug/Kg	✱	93	66 - 120	12	15
Di-n-octyl phthalate	ND		1890	1560		ug/Kg	✱	83	57 - 133	13	16
Fluoranthene	66	J	1890	1690		ug/Kg	✱	86	62 - 120	10	15
Fluorene	ND		1890	1560		ug/Kg	✱	83	63 - 120	11	15
Hexachlorobenzene	ND		1890	1640		ug/Kg	✱	87	60 - 120	14	15
Hexachlorobutadiene	ND		1890	1120		ug/Kg	✱	59	45 - 120	26	44
Hexachlorocyclopentadiene	ND		1890	1190		ug/Kg	✱	63	31 - 120	9	49
Hexachloroethane	ND		1890	976		ug/Kg	✱	52	21 - 120	26	46
Indeno[1,2,3-cd]pyrene	60	J	1890	1800		ug/Kg	✱	92	56 - 134	5	15
Isophorone	ND	F2	1890	1160	F2	ug/Kg	✱	62	56 - 120	28	17
2-Methylnaphthalene	ND	F2	1890	1120	F2	ug/Kg	✱	60	55 - 120	27	21
2-Methylphenol	ND	F2	1890	1140	F2	ug/Kg	✱	61	48 - 120	32	27
4-Methylphenol	ND	F2	1890	1210	F2	ug/Kg	✱	64	50 - 120	29	24
Naphthalene	ND		1890	1140		ug/Kg	✱	60	46 - 120	26	29
2-Nitroaniline	ND		1890	1650		ug/Kg	✱	88	61 - 120	11	15
3-Nitroaniline	ND	F2	1890	1210	F2	ug/Kg	✱	64	48 - 120	30	19
4-Nitroaniline	ND		1890	1490		ug/Kg	✱	79	47 - 120	18	24
Nitrobenzene	ND	F2	1890	1100	F2	ug/Kg	✱	58	49 - 120	29	24
2-Nitrophenol	ND	F2	1890	1240	F2	ug/Kg	✱	66	37 - 120	27	18
4-Nitrophenol	ND		3770	3760		ug/Kg	✱	100	31 - 147	2	25
N-Nitrosodi-n-propylamine	ND		1890	1130		ug/Kg	✱	60	46 - 120	28	31
N-Nitrosodiphenylamine	ND		1890	1620		ug/Kg	✱	86	20 - 128	13	15
Pentachlorophenol	ND		3770	3280		ug/Kg	✱	87	25 - 136	7	35
Phenanthrene	ND		1890	1660		ug/Kg	✱	88	60 - 122	10	15
Phenol	ND		1890	1130		ug/Kg	✱	60	50 - 120	32	35
Pyrene	56	J	1890	1720		ug/Kg	✱	88	61 - 133	12	35
2,4,5-Trichlorophenol	ND		1890	1650		ug/Kg	✱	87	46 - 120	11	18
2,4,6-Trichlorophenol	ND		1890	1590		ug/Kg	✱	84	41 - 123	16	19

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr)	84		60 - 120
2-Fluorophenol (Surr)	66		52 - 120
Nitrobenzene-d5 (Surr)	73		53 - 120
Phenol-d5 (Surr)	75		54 - 120
p-Terphenyl-d14 (Surr)	112		79 - 130
2,4,6-Tribromophenol (Surr)	113		54 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-644189/1-A

Matrix: Water

Analysis Batch: 644396

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		10/06/22 08:28	10/07/22 11:42	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/06/22 08:28	10/07/22 11:42	1
Acetophenone	ND		5.0	0.54	ug/L		10/06/22 08:28	10/07/22 11:42	1
Anthracene	ND		5.0	0.28	ug/L		10/06/22 08:28	10/07/22 11:42	1
Atrazine	ND		5.0	0.46	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/06/22 08:28	10/07/22 11:42	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/06/22 08:28	10/07/22 11:42	1
Biphenyl	ND		5.0	0.65	ug/L		10/06/22 08:28	10/07/22 11:42	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/06/22 08:28	10/07/22 11:42	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/06/22 08:28	10/07/22 11:42	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/06/22 08:28	10/07/22 11:42	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/06/22 08:28	10/07/22 11:42	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/06/22 08:28	10/07/22 11:42	1
Caprolactam	ND		5.0	2.2	ug/L		10/06/22 08:28	10/07/22 11:42	1
Carbazole	ND		5.0	0.30	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/06/22 08:28	10/07/22 11:42	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/06/22 08:28	10/07/22 11:42	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/06/22 08:28	10/07/22 11:42	1
Chrysene	ND		5.0	0.33	ug/L		10/06/22 08:28	10/07/22 11:42	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/06/22 08:28	10/07/22 11:42	1
Dibenzofuran	ND		10	0.51	ug/L		10/06/22 08:28	10/07/22 11:42	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/06/22 08:28	10/07/22 11:42	1
Diethyl phthalate	4.23 J		5.0	0.22	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/06/22 08:28	10/07/22 11:42	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/06/22 08:28	10/07/22 11:42	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/06/22 08:28	10/07/22 11:42	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/06/22 08:28	10/07/22 11:42	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/06/22 08:28	10/07/22 11:42	1
Fluoranthene	ND		5.0	0.40	ug/L		10/06/22 08:28	10/07/22 11:42	1
Fluorene	ND		5.0	0.36	ug/L		10/06/22 08:28	10/07/22 11:42	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/06/22 08:28	10/07/22 11:42	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/06/22 08:28	10/07/22 11:42	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/06/22 08:28	10/07/22 11:42	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/06/22 08:28	10/07/22 11:42	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/06/22 08:28	10/07/22 11:42	1
Isophorone	ND		5.0	0.43	ug/L		10/06/22 08:28	10/07/22 11:42	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/06/22 08:28	10/07/22 11:42	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-644189/1-A

Matrix: Water

Analysis Batch: 644396

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644189

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Methylphenol	ND		5.0	0.40	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Methylphenol	ND		10	0.36	ug/L		10/06/22 08:28	10/07/22 11:42	1
Naphthalene	ND		5.0	0.76	ug/L		10/06/22 08:28	10/07/22 11:42	1
2-Nitroaniline	ND		10	0.42	ug/L		10/06/22 08:28	10/07/22 11:42	1
3-Nitroaniline	ND		10	0.48	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Nitroaniline	ND		10	0.25	ug/L		10/06/22 08:28	10/07/22 11:42	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/06/22 08:28	10/07/22 11:42	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/06/22 08:28	10/07/22 11:42	1
4-Nitrophenol	ND		10	1.5	ug/L		10/06/22 08:28	10/07/22 11:42	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/06/22 08:28	10/07/22 11:42	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/06/22 08:28	10/07/22 11:42	1
Pentachlorophenol	ND		10	2.2	ug/L		10/06/22 08:28	10/07/22 11:42	1
Phenanthrene	ND		5.0	0.44	ug/L		10/06/22 08:28	10/07/22 11:42	1
Phenol	ND		5.0	0.39	ug/L		10/06/22 08:28	10/07/22 11:42	1
Pyrene	ND		5.0	0.34	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/06/22 08:28	10/07/22 11:42	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/06/22 08:28	10/07/22 11:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	79		48 - 120	10/06/22 08:28	10/07/22 11:42	1
2-Fluorophenol	59		35 - 120	10/06/22 08:28	10/07/22 11:42	1
Nitrobenzene-d5	67		46 - 120	10/06/22 08:28	10/07/22 11:42	1
Phenol-d5	48		22 - 120	10/06/22 08:28	10/07/22 11:42	1
p-Terphenyl-d14	96		60 - 148	10/06/22 08:28	10/07/22 11:42	1
2,4,6-Tribromophenol	52		41 - 120	10/06/22 08:28	10/07/22 11:42	1

Lab Sample ID: LCS 480-644189/2-A

Matrix: Water

Analysis Batch: 644396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Acenaphthene	32.0	31.2		ug/L		98	60 - 120
Acenaphthylene	32.0	32.5		ug/L		101	63 - 120
Acetophenone	32.0	32.2		ug/L		101	45 - 120
Anthracene	32.0	36.2		ug/L		113	67 - 120
Atrazine	64.0	70.7		ug/L		110	71 - 130
Benzaldehyde	64.0	61.1		ug/L		95	10 - 140
Benzo(a)anthracene	32.0	32.7		ug/L		102	70 - 121
Benzo(a)pyrene	32.0	34.4		ug/L		108	60 - 123
Benzo(b)fluoranthene	32.0	36.5		ug/L		114	66 - 126
Benzo(g,h,i)perylene	32.0	33.4		ug/L		104	66 - 150
Benzo(k)fluoranthene	32.0	33.5		ug/L		105	65 - 124
Biphenyl	32.0	29.3		ug/L		92	59 - 120
Bis(2-chloroethoxy)methane	32.0	32.7		ug/L		102	50 - 128
Bis(2-chloroethyl)ether	32.0	33.2		ug/L		104	44 - 120
bis (2-chloroisopropyl) ether	32.0	38.3		ug/L		120	21 - 136
Bis(2-ethylhexyl) phthalate	32.0	34.5		ug/L		108	63 - 139
4-Bromophenyl phenyl ether	32.0	30.1		ug/L		94	65 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-644189/2-A

Matrix: Water

Analysis Batch: 644396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644189

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	32.0	36.1		ug/L		113	70 - 129
Caprolactam	64.0	26.0		ug/L		41	22 - 120
Carbazole	32.0	53.9	*+	ug/L		168	66 - 123
4-Chloroaniline	32.0	28.0		ug/L		87	30 - 120
4-Chloro-3-methylphenol	32.0	30.9		ug/L		96	61 - 123
2-Chloronaphthalene	32.0	28.6		ug/L		89	58 - 120
2-Chlorophenol	32.0	30.8		ug/L		96	48 - 120
4-Chlorophenyl phenyl ether	32.0	29.1		ug/L		91	62 - 120
Chrysene	32.0	31.8		ug/L		99	69 - 120
Dibenz(a,h)anthracene	32.0	35.1		ug/L		110	65 - 135
Dibenzofuran	32.0	31.5		ug/L		98	66 - 120
3,3'-Dichlorobenzidine	64.0	64.9		ug/L		101	49 - 135
2,4-Dichlorophenol	32.0	31.3		ug/L		98	63 - 120
Diethyl phthalate	32.0	35.4		ug/L		111	59 - 127
2,4-Dimethylphenol	32.0	29.7		ug/L		93	47 - 120
Dimethyl phthalate	32.0	34.1		ug/L		106	68 - 120
Di-n-butyl phthalate	32.0	37.2		ug/L		116	69 - 131
4,6-Dinitro-2-methylphenol	64.0	66.8		ug/L		104	46 - 136
2,4-Dinitrophenol	64.0	68.3		ug/L		107	31 - 137
2,4-Dinitrotoluene	32.0	34.7		ug/L		109	69 - 120
2,6-Dinitrotoluene	32.0	34.0		ug/L		106	68 - 120
Di-n-octyl phthalate	32.0	32.7		ug/L		102	63 - 140
Fluoranthene	32.0	35.5		ug/L		111	69 - 126
Fluorene	32.0	33.1		ug/L		103	66 - 120
Hexachlorobenzene	32.0	29.1		ug/L		91	61 - 120
Hexachlorobutadiene	32.0	17.3		ug/L		54	35 - 120
Hexachlorocyclopentadiene	32.0	13.4		ug/L		42	31 - 120
Hexachloroethane	32.0	23.8		ug/L		74	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	35.2		ug/L		110	69 - 146
Isophorone	32.0	32.8		ug/L		102	55 - 120
2-Methylnaphthalene	32.0	24.7		ug/L		77	59 - 120
2-Methylphenol	32.0	33.6		ug/L		105	39 - 120
4-Methylphenol	32.0	30.5		ug/L		95	29 - 131
Naphthalene	32.0	28.1		ug/L		88	57 - 120
2-Nitroaniline	32.0	35.4		ug/L		111	54 - 127
3-Nitroaniline	32.0	34.8		ug/L		109	51 - 120
4-Nitroaniline	32.0	44.8	*+	ug/L		140	65 - 120
Nitrobenzene	32.0	30.6		ug/L		95	53 - 123
2-Nitrophenol	32.0	31.8		ug/L		100	52 - 125
4-Nitrophenol	64.0	46.2		ug/L		72	45 - 120
N-Nitrosodi-n-propylamine	32.0	35.1		ug/L		110	32 - 140
N-Nitrosodiphenylamine	32.0	35.5		ug/L		111	61 - 120
Pentachlorophenol	64.0	50.7		ug/L		79	29 - 136
Phenanthrene	32.0	36.3		ug/L		113	68 - 120
Phenol	32.0	21.8		ug/L		68	17 - 120
Pyrene	32.0	34.5		ug/L		108	70 - 125
2,4,5-Trichlorophenol	32.0	32.6		ug/L		102	65 - 126
2,4,6-Trichlorophenol	32.0	31.8		ug/L		99	64 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-644189/2-A
Matrix: Water
Analysis Batch: 644396

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644189

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl	100		48 - 120
2-Fluorophenol	69		35 - 120
Nitrobenzene-d5	86		46 - 120
Phenol-d5	61		22 - 120
p-Terphenyl-d14	97		60 - 148
2,4,6-Tribromophenol	86		41 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-644092/1-A
Matrix: Solid
Analysis Batch: 644401

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 644092

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10	4.4	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Antimony	ND		14.9	0.40	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Arsenic	ND		2.0	0.40	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Barium	ND		0.50	0.11	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Beryllium	ND		0.20	0.028	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Cadmium	ND		0.20	0.030	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Calcium	ND		49.8	3.3	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Chromium	0.535		0.50	0.20	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Cobalt	ND		0.50	0.050	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Copper	ND		1.0	0.21	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Iron	ND		10	3.5	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Lead	ND		1.0	0.24	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Magnesium	ND		19.9	0.92	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Manganese	0.0388	J	0.20	0.032	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Nickel	ND		5.0	0.23	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Potassium	ND		29.9	19.9	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Selenium	ND		4.0	0.40	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Silver	ND		0.60	0.20	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Sodium	ND		139	12.9	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Thallium	ND		6.0	0.30	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Vanadium	ND		0.50	0.11	mg/Kg		10/05/22 12:02	10/06/22 17:59	1
Zinc	ND		2.0	0.64	mg/Kg		10/05/22 12:02	10/06/22 17:59	1

Lab Sample ID: LCSSRM 480-644092/2-A
Matrix: Solid
Analysis Batch: 644401

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 644092

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8630	9007		mg/Kg		104.4	50.6 - 149.5
Antimony	129	68.66		mg/Kg		53.2	19.8 - 250.4
Arsenic	84.5	69.59		mg/Kg		82.3	70.1 - 130.2
Barium	249	207.4		mg/Kg		83.3	75.1 - 124.9

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-644092/2-A

Matrix: Solid

Analysis Batch: 644401

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644092

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	163	127.2		mg/Kg		78.1	74.8 - 125.2
Cadmium	99.0	80.92		mg/Kg		81.7	74.9 - 125.3
Calcium	4760	4012		mg/Kg		84.3	72.7 - 127.5
Chromium	122	97.23		mg/Kg		79.7	70.2 - 130.3
Cobalt	61.7	58.06		mg/Kg		94.1	75.0 - 125.1
Copper	61.5	49.60		mg/Kg		80.7	75.0 - 124.9
Iron	14500	11510		mg/Kg		79.4	35.8 - 164.1
Lead	123	117.9		mg/Kg		95.9	71.8 - 128.5
Magnesium	2360	2006		mg/Kg		85.0	62.7 - 137.7
Manganese	456	360.6		mg/Kg		79.1	76.8 - 123.5
Nickel	135	125.6		mg/Kg		93.0	70.1 - 130.4
Potassium	2090	2120		mg/Kg		101.4	59.3 - 140.7
Selenium	121	96.94		mg/Kg		80.1	66.4 - 133.9
Sodium	136	130.5 J		mg/Kg		95.9	35.4 - 164.0
Thallium	144	137.0		mg/Kg		95.1	70.1 - 129.9
Vanadium	186	147.9		mg/Kg		79.5	74.2 - 126.3
Zinc	295	223.2		mg/Kg		75.7	70.2 - 130.2

Lab Sample ID: MB 480-644295/1-A

Matrix: Water

Analysis Batch: 644675

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		10/06/22 16:17	10/07/22 15:31	1
Antimony	ND		0.020	0.0068	mg/L		10/06/22 16:17	10/07/22 15:31	1
Arsenic	ND		0.015	0.0056	mg/L		10/06/22 16:17	10/07/22 15:31	1
Barium	ND		0.0020	0.00070	mg/L		10/06/22 16:17	10/07/22 15:31	1
Beryllium	ND		0.0020	0.00030	mg/L		10/06/22 16:17	10/07/22 15:31	1
Cadmium	ND		0.0020	0.00050	mg/L		10/06/22 16:17	10/07/22 15:31	1
Calcium	ND		0.50	0.10	mg/L		10/06/22 16:17	10/07/22 15:31	1
Chromium	ND		0.0040	0.0010	mg/L		10/06/22 16:17	10/07/22 15:31	1
Cobalt	ND		0.0040	0.00063	mg/L		10/06/22 16:17	10/07/22 15:31	1
Copper	ND		0.010	0.0016	mg/L		10/06/22 16:17	10/07/22 15:31	1
Iron	ND		0.050	0.019	mg/L		10/06/22 16:17	10/07/22 15:31	1
Lead	ND		0.010	0.0030	mg/L		10/06/22 16:17	10/07/22 15:31	1
Magnesium	ND		0.20	0.043	mg/L		10/06/22 16:17	10/07/22 15:31	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-644295/1-A

Matrix: Water

Analysis Batch: 644675

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.00106	J	0.0030	0.00040	mg/L		10/06/22 16:17	10/07/22 15:31	1
Nickel	ND		0.010	0.0013	mg/L		10/06/22 16:17	10/07/22 15:31	1
Potassium	ND		0.50	0.10	mg/L		10/06/22 16:17	10/07/22 15:31	1
Selenium	ND		0.025	0.0087	mg/L		10/06/22 16:17	10/07/22 15:31	1
Silver	ND		0.0060	0.0017	mg/L		10/06/22 16:17	10/07/22 15:31	1
Sodium	ND		1.0	0.32	mg/L		10/06/22 16:17	10/07/22 15:31	1
Thallium	ND		0.020	0.010	mg/L		10/06/22 16:17	10/07/22 15:31	1
Vanadium	ND		0.0050	0.0015	mg/L		10/06/22 16:17	10/07/22 15:31	1
Zinc	ND		0.010	0.0015	mg/L		10/06/22 16:17	10/07/22 15:31	1

Lab Sample ID: LCS 480-644295/2-A

Matrix: Water

Analysis Batch: 644675

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.80		mg/L		98	80 - 120
Antimony	0.200	0.205		mg/L		103	80 - 120
Arsenic	0.201	0.203		mg/L		101	80 - 120
Barium	0.200	0.203		mg/L		102	80 - 120
Beryllium	0.200	0.209		mg/L		104	80 - 120
Cadmium	0.200	0.199		mg/L		99	80 - 120
Calcium	10.0	10.06		mg/L		100	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120
Cobalt	0.200	0.197		mg/L		98	80 - 120
Copper	0.200	0.205		mg/L		103	80 - 120
Iron	10.0	10.23		mg/L		102	80 - 120
Lead	0.201	0.195		mg/L		97	80 - 120
Magnesium	10.0	9.55		mg/L		95	80 - 120
Manganese	0.200	0.207		mg/L		103	80 - 120
Nickel	0.200	0.195		mg/L		97	80 - 120
Potassium	10.0	9.73		mg/L		97	80 - 120
Selenium	0.200	0.199		mg/L		100	80 - 120
Silver	0.0500	0.0487		mg/L		97	80 - 120
Sodium	10.0	9.59		mg/L		96	80 - 120
Thallium	0.200	0.199		mg/L		100	80 - 120
Vanadium	0.201	0.196		mg/L		98	80 - 120
Zinc	0.200	0.196		mg/L		98	80 - 120

Lab Sample ID: MB 480-644466/1-A

Matrix: Solid

Analysis Batch: 645066

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644466

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.60	0.20	mg/Kg		10/10/22 08:23	10/11/22 19:29	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-644466/2-A

Matrix: Solid

Analysis Batch: 645066

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644466

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	33.6	33.88		mg/Kg		100.8	68.5 - 131.3

Lab Sample ID: MB 480-644740/1-A

Matrix: Solid

Analysis Batch: 645178

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644740

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.57	0.19	mg/Kg		10/11/22 12:06	10/12/22 15:04	1

Lab Sample ID: LCSSRM 480-644740/2-A

Matrix: Solid

Analysis Batch: 645178

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644740

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Silver	33.6	38.16		mg/Kg		113.6	68.5 - 131.3

Lab Sample ID: 480-202325-6 MS

Matrix: Solid

Analysis Batch: 645178

Client Sample ID: SB-8

Prep Type: Total/NA

Prep Batch: 644740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Silver	ND	F1 F2	11.9	11.90		mg/Kg	✱	100	75 - 125

Lab Sample ID: 480-202325-6 MSD

Matrix: Solid

Analysis Batch: 645178

Client Sample ID: SB-8

Prep Type: Total/NA

Prep Batch: 644740

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Silver	ND	F1 F2	11.8	7.21	F1 F2	mg/Kg	✱	61	75 - 125	49	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-644213/1-A

Matrix: Water

Analysis Batch: 644341

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		10/06/22 10:45	10/06/22 13:54	1

Lab Sample ID: LCS 480-644213/2-A

Matrix: Water

Analysis Batch: 644341

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00667	0.00613		mg/L		92	80 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-644332/1-A

Matrix: Solid

Analysis Batch: 644497

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.021	0.0047	mg/Kg		10/07/22 09:59	10/07/22 13:01	1

Lab Sample ID: LCSSRM 480-644332/2-A ^10

Matrix: Solid

Analysis Batch: 644497

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644332

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	18.9	17.85		mg/Kg		94.4	59.8 - 139. 7

QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

GC/MS VOA

Prep Batch: 644154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	5035A_L	
480-202325-2	SB-2	Total/NA	Solid	5035A_L	
480-202325-3	SB-4	Total/NA	Solid	5035A_L	
480-202325-4	SB-6	Total/NA	Solid	5035A_L	
480-202325-5	SB-7	Total/NA	Solid	5035A_L	
480-202325-6	SB-8	Total/NA	Solid	5035A_L	
480-202325-7	SB-9	Total/NA	Solid	5035A_L	
480-202325-8	SB-11	Total/NA	Solid	5035A_L	
480-202325-11	SB-14	Total/NA	Solid	5035A_L	
MB 480-644154/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-644154/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 644156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	8260C	644154
480-202325-2	SB-2	Total/NA	Solid	8260C	644154
480-202325-3	SB-4	Total/NA	Solid	8260C	644154
480-202325-4	SB-6	Total/NA	Solid	8260C	644154
480-202325-5	SB-7	Total/NA	Solid	8260C	644154
480-202325-6	SB-8	Total/NA	Solid	8260C	644154
480-202325-7	SB-9	Total/NA	Solid	8260C	644154
480-202325-8	SB-11	Total/NA	Solid	8260C	644154
480-202325-11	SB-14	Total/NA	Solid	8260C	644154
MB 480-644154/2-A	Method Blank	Total/NA	Solid	8260C	644154
LCS 480-644154/1-A	Lab Control Sample	Total/NA	Solid	8260C	644154

Prep Batch: 644344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-9	SB-12	Total/NA	Solid	5035A_L	
MB 480-644344/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-644344/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 644346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-9	SB-12	Total/NA	Solid	8260C	644344
MB 480-644344/2-A	Method Blank	Total/NA	Solid	8260C	644344
LCS 480-644344/1-A	Lab Control Sample	Total/NA	Solid	8260C	644344

Analysis Batch: 644494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	8260C	
MB 480-644494/13	Method Blank	Total/NA	Water	8260C	
LCS 480-644494/9	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-644494/34	Lab Control Sample Dup	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 644144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	3550C	
480-202325-2	SB-2	Total/NA	Solid	3550C	

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QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

GC/MS Semi VOA (Continued)

Prep Batch: 644144 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-3	SB-4	Total/NA	Solid	3550C	
480-202325-4	SB-6	Total/NA	Solid	3550C	
480-202325-5	SB-7	Total/NA	Solid	3550C	
480-202325-6	SB-8	Total/NA	Solid	3550C	
480-202325-7	SB-9	Total/NA	Solid	3550C	
480-202325-8	SB-11	Total/NA	Solid	3550C	
480-202325-9	SB-12	Total/NA	Solid	3550C	
480-202325-11	SB-14	Total/NA	Solid	3550C	
MB 480-644144/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 480-644144/2-A	Lab Control Sample	Total/NA	Solid	3550C	
480-202325-1 MS	SB-1	Total/NA	Solid	3550C	
480-202325-1 MSD	SB-1	Total/NA	Solid	3550C	

Prep Batch: 644189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	3510C	
MB 480-644189/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-644189/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 644205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	8270D	644144
480-202325-2	SB-2	Total/NA	Solid	8270D	644144
480-202325-3	SB-4	Total/NA	Solid	8270D	644144
480-202325-4	SB-6	Total/NA	Solid	8270D	644144
480-202325-5	SB-7	Total/NA	Solid	8270D	644144
480-202325-6	SB-8	Total/NA	Solid	8270D	644144
480-202325-7	SB-9	Total/NA	Solid	8270D	644144
480-202325-8	SB-11	Total/NA	Solid	8270D	644144
480-202325-9	SB-12	Total/NA	Solid	8270D	644144
480-202325-11	SB-14	Total/NA	Solid	8270D	644144
MB 480-644144/1-A	Method Blank	Total/NA	Solid	8270D	644144
LCS 480-644144/2-A	Lab Control Sample	Total/NA	Solid	8270D	644144
480-202325-1 MS	SB-1	Total/NA	Solid	8270D	644144
480-202325-1 MSD	SB-1	Total/NA	Solid	8270D	644144

Analysis Batch: 644396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	8270D	644189
MB 480-644189/1-A	Method Blank	Total/NA	Water	8270D	644189
LCS 480-644189/2-A	Lab Control Sample	Total/NA	Water	8270D	644189

Metals

Prep Batch: 644092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	3050B	
480-202325-2	SB-2	Total/NA	Solid	3050B	
480-202325-3	SB-4	Total/NA	Solid	3050B	
480-202325-4	SB-6	Total/NA	Solid	3050B	
480-202325-5	SB-7	Total/NA	Solid	3050B	

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QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Metals (Continued)

Prep Batch: 644092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-6	SB-8	Total/NA	Solid	3050B	
480-202325-7	SB-9	Total/NA	Solid	3050B	
480-202325-8	SB-11	Total/NA	Solid	3050B	
480-202325-9	SB-12	Total/NA	Solid	3050B	
480-202325-11	SB-14	Total/NA	Solid	3050B	
MB 480-644092/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-644092/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 644213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	7470A	
MB 480-644213/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-644213/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 644295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	3005A	
MB 480-644295/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-644295/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 644332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	7471B	
480-202325-2	SB-2	Total/NA	Solid	7471B	
480-202325-3	SB-4	Total/NA	Solid	7471B	
480-202325-4	SB-6	Total/NA	Solid	7471B	
480-202325-5	SB-7	Total/NA	Solid	7471B	
480-202325-6	SB-8	Total/NA	Solid	7471B	
480-202325-7	SB-9	Total/NA	Solid	7471B	
480-202325-8	SB-11	Total/NA	Solid	7471B	
480-202325-9	SB-12	Total/NA	Solid	7471B	
480-202325-11	SB-14	Total/NA	Solid	7471B	
MB 480-644332/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-644332/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 644341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	7470A	644213
MB 480-644213/1-A	Method Blank	Total/NA	Water	7470A	644213
LCS 480-644213/2-A	Lab Control Sample	Total/NA	Water	7470A	644213

Analysis Batch: 644401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	6010C	644092
480-202325-2	SB-2	Total/NA	Solid	6010C	644092
480-202325-3	SB-4	Total/NA	Solid	6010C	644092
480-202325-4	SB-6	Total/NA	Solid	6010C	644092
480-202325-5	SB-7	Total/NA	Solid	6010C	644092
480-202325-6	SB-8	Total/NA	Solid	6010C	644092
480-202325-7	SB-9	Total/NA	Solid	6010C	644092
480-202325-8	SB-11	Total/NA	Solid	6010C	644092

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QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Metals (Continued)

Analysis Batch: 644401 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-9	SB-12	Total/NA	Solid	6010C	644092
480-202325-11	SB-14	Total/NA	Solid	6010C	644092
MB 480-644092/1-A	Method Blank	Total/NA	Solid	6010C	644092
LCSSRM 480-644092/2-A	Lab Control Sample	Total/NA	Solid	6010C	644092

Prep Batch: 644466

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-11	SB-14	Total/NA	Solid	3050B	
MB 480-644466/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-644466/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 644497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	7471B	644332
480-202325-2	SB-2	Total/NA	Solid	7471B	644332
480-202325-3	SB-4	Total/NA	Solid	7471B	644332
480-202325-4	SB-6	Total/NA	Solid	7471B	644332
480-202325-5	SB-7	Total/NA	Solid	7471B	644332
480-202325-6	SB-8	Total/NA	Solid	7471B	644332
480-202325-7	SB-9	Total/NA	Solid	7471B	644332
480-202325-8	SB-11	Total/NA	Solid	7471B	644332
480-202325-9	SB-12	Total/NA	Solid	7471B	644332
480-202325-11	SB-14	Total/NA	Solid	7471B	644332
MB 480-644332/1-A	Method Blank	Total/NA	Solid	7471B	644332
LCSSRM 480-644332/2-A ^1	Lab Control Sample	Total/NA	Solid	7471B	644332

Analysis Batch: 644675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-10	GWSB-3	Total/NA	Water	6010C	644295
MB 480-644295/1-A	Method Blank	Total/NA	Water	6010C	644295
LCS 480-644295/2-A	Lab Control Sample	Total/NA	Water	6010C	644295

Prep Batch: 644740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	3050B	
480-202325-2	SB-2	Total/NA	Solid	3050B	
480-202325-3	SB-4	Total/NA	Solid	3050B	
480-202325-4	SB-6	Total/NA	Solid	3050B	
480-202325-5	SB-7	Total/NA	Solid	3050B	
480-202325-6	SB-8	Total/NA	Solid	3050B	
480-202325-7	SB-9	Total/NA	Solid	3050B	
480-202325-8	SB-11	Total/NA	Solid	3050B	
480-202325-9	SB-12	Total/NA	Solid	3050B	
MB 480-644740/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-644740/2-A	Lab Control Sample	Total/NA	Solid	3050B	
480-202325-6 MS	SB-8	Total/NA	Solid	3050B	
480-202325-6 MSD	SB-8	Total/NA	Solid	3050B	

Analysis Batch: 645066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-11	SB-14	Total/NA	Solid	6010C	644466

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QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Metals (Continued)

Analysis Batch: 645066 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-644466/1-A	Method Blank	Total/NA	Solid	6010C	644466
LCSSRM 480-644466/2-A	Lab Control Sample	Total/NA	Solid	6010C	644466

Analysis Batch: 645178

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	6010C	644740
480-202325-2	SB-2	Total/NA	Solid	6010C	644740
480-202325-3	SB-4	Total/NA	Solid	6010C	644740
480-202325-4	SB-6	Total/NA	Solid	6010C	644740
480-202325-5	SB-7	Total/NA	Solid	6010C	644740
480-202325-6	SB-8	Total/NA	Solid	6010C	644740
480-202325-7	SB-9	Total/NA	Solid	6010C	644740
480-202325-8	SB-11	Total/NA	Solid	6010C	644740
480-202325-9	SB-12	Total/NA	Solid	6010C	644740
MB 480-644740/1-A	Method Blank	Total/NA	Solid	6010C	644740
LCSSRM 480-644740/2-A	Lab Control Sample	Total/NA	Solid	6010C	644740
480-202325-6 MS	SB-8	Total/NA	Solid	6010C	644740
480-202325-6 MSD	SB-8	Total/NA	Solid	6010C	644740

General Chemistry

Analysis Batch: 644160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202325-1	SB-1	Total/NA	Solid	Moisture	
480-202325-2	SB-2	Total/NA	Solid	Moisture	
480-202325-3	SB-4	Total/NA	Solid	Moisture	
480-202325-4	SB-6	Total/NA	Solid	Moisture	
480-202325-5	SB-7	Total/NA	Solid	Moisture	
480-202325-6	SB-8	Total/NA	Solid	Moisture	
480-202325-7	SB-9	Total/NA	Solid	Moisture	
480-202325-8	SB-11	Total/NA	Solid	Moisture	
480-202325-9	SB-12	Total/NA	Solid	Moisture	
480-202325-11	SB-14	Total/NA	Solid	Moisture	

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-1

Date Collected: 10/03/22 08:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-1

Date Collected: 10/03/22 08:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-1

Matrix: Solid

Percent Solids: 86.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/05/22 22:08
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 14:47
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:09
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:12
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:16

Client Sample ID: SB-2

Date Collected: 10/03/22 09:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-2

Date Collected: 10/03/22 09:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-2

Matrix: Solid

Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/05/22 22:31
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		10	644205	JMM	EET BUF	10/06/22 15:12
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:13
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:16
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:17

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-4

Date Collected: 10/03/22 10:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-4

Date Collected: 10/03/22 10:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-3

Matrix: Solid

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/05/22 22:56
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		10	644205	JMM	EET BUF	10/06/22 15:36
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:17
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:19
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:19

Client Sample ID: SB-6

Date Collected: 10/03/22 12:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-6

Date Collected: 10/03/22 12:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-4

Matrix: Solid

Percent Solids: 82.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/05/22 23:20
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 16:01
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:33
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:23
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:20

Eurofins Buffalo

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-7

Date Collected: 10/03/22 13:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-7

Date Collected: 10/03/22 13:00

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-5

Matrix: Solid

Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/05/22 23:44
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 16:25
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:37
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:27
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:21

Client Sample ID: SB-8

Date Collected: 10/04/22 08:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-8

Date Collected: 10/04/22 08:50

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-6

Matrix: Solid

Percent Solids: 85.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/06/22 00:08
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		10	644205	JMM	EET BUF	10/06/22 16:49
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:41
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 15:31
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:23

Eurofins Buffalo

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-9

Date Collected: 10/04/22 09:15

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-9

Date Collected: 10/04/22 09:15

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-7

Matrix: Solid

Percent Solids: 86.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/06/22 00:33
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 17:14
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:44
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 16:03
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:24

Client Sample ID: SB-11

Date Collected: 10/04/22 10:10

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-11

Date Collected: 10/04/22 10:10

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-8

Matrix: Solid

Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/06/22 00:57
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 17:38
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:49
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 16:07
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:25

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-12

Date Collected: 10/04/22 10:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-12

Date Collected: 10/04/22 10:30

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-9

Matrix: Solid

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644344	CDC	EET BUF	10/06/22 17:37
Total/NA	Analysis	8260C		1	644346	LCH	EET BUF	10/06/22 22:57
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		5	644205	JMM	EET BUF	10/06/22 18:03
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:52
Total/NA	Prep	3050B			644740	VAK	EET BUF	10/11/22 12:06
Total/NA	Analysis	6010C		1	645178	LMH	EET BUF	10/12/22 16:10
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:27

Client Sample ID: GWSB-3

Date Collected: 10/04/22 11:40

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644494	CR	EET BUF	10/08/22 00:23
Total/NA	Prep	3510C			644189	MS	EET BUF	10/06/22 08:28
Total/NA	Analysis	8270D		1	644396	JMM	EET BUF	10/07/22 14:03
Total/NA	Prep	3005A			644295	VAK	EET BUF	10/06/22 16:17
Total/NA	Analysis	6010C		1	644675	BMB	EET BUF	10/07/22 15:39
Total/NA	Prep	7470A			644213	VAK	EET BUF	10/06/22 10:45
Total/NA	Analysis	7470A		1	644341	NVK	EET BUF	10/06/22 14:27

Client Sample ID: SB-14

Date Collected: 10/04/22 11:20

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	644160	DSC	EET BUF	10/05/22 18:17

Client Sample ID: SB-14

Date Collected: 10/04/22 11:20

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-11

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			644154	CDC	EET BUF	10/05/22 17:38
Total/NA	Analysis	8260C		1	644156	CDC	EET BUF	10/06/22 01:45

Eurofins Buffalo

Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Client Sample ID: SB-14

Date Collected: 10/04/22 11:20

Date Received: 10/04/22 17:00

Lab Sample ID: 480-202325-11

Matrix: Solid

Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3550C			644144	SJM	EET BUF	10/05/22 15:48
Total/NA	Analysis	8270D		1	644205	JMM	EET BUF	10/06/22 18:27
Total/NA	Prep	3050B			644092	NZG	EET BUF	10/05/22 12:02
Total/NA	Analysis	6010C		1	644401	LMH	EET BUF	10/06/22 19:56
Total/NA	Prep	3050B			644466	NVK	EET BUF	10/10/22 08:23
Total/NA	Analysis	6010C		1	645066	LMH	EET BUF	10/11/22 20:08
Total/NA	Prep	7471B			644332	NVK	EET BUF	10/07/22 09:59
Total/NA	Analysis	7471B		1	644497	NVK	EET BUF	10/07/22 13:28

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

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

Method Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
3550C	Ultrasonic Extraction	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

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:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202325-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202325-1	SB-1	Solid	10/03/22 08:30	10/04/22 17:00
480-202325-2	SB-2	Solid	10/03/22 09:40	10/04/22 17:00
480-202325-3	SB-4	Solid	10/03/22 10:50	10/04/22 17:00
480-202325-4	SB-6	Solid	10/03/22 12:00	10/04/22 17:00
480-202325-5	SB-7	Solid	10/03/22 13:00	10/04/22 17:00
480-202325-6	SB-8	Solid	10/04/22 08:50	10/04/22 17:00
480-202325-7	SB-9	Solid	10/04/22 09:15	10/04/22 17:00
480-202325-8	SB-11	Solid	10/04/22 10:10	10/04/22 17:00
480-202325-9	SB-12	Solid	10/04/22 10:30	10/04/22 17:00
480-202325-10	GWSB-3	Water	10/04/22 11:40	10/04/22 17:00
480-202325-11	SB-14	Solid	10/04/22 11:20	10/04/22 17:00

Login Sample Receipt Checklist

Client: C&S Engineers, Inc.

Job Number: 480-202325-1

Login Number: 202325

List Number: 1

Creator: Sabuda, Brendan D

List Source: Eurofins Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	20.8 #1 NO ICE
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

ANALYTICAL REPORT

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-202372-1

Client Project/Site: Kensington and Bailey Ave Properties

For:

C&S Engineers, Inc.
141 Elm Street
Suite 100
Buffalo, New York 14203

Attn: Cody Martin



Authorized for release by:
10/12/2022 12:14:40 PM

Steve Hartmann, Project Manager
(413)572-4000
Steve.Hartmann@et.eurofinsus.com

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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.

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Definitions/Glossary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

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: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Job ID: 480-202372-1

Laboratory: Eurofins Buffalo

Narrative

Job Narrative 480-202372-1

Comments

No additional comments.

Receipt

The samples were received on 10/5/2022 11:50 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 18.4° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-644710 recovered above the upper control limit for 1,1,2-Trichloro-1,2,2-trifluoroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: GWSB-8 (480-202372-1) and GWSB-10 (480-202372-2).

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

GC/MS Semi VOA

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-644701 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-644701 recovered above the upper control limit for bis (2-chloroisopropyl) ether and Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: GWSB-8 (480-202372-1) and GWSB-10 (480-202372-2).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-644701 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol, Hexachlorocyclopentadiene, 4-Nitrophenol and Pentachlorophenol. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 480-644381 and analytical batch 480-644701 recovered outside control limits for the following analytes: Carbazole. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

Metals

Method 7470A: Due to interference with the sample matrix, the standard mercury preparation procedure was inadequate for the following samples(s): GWSB-10 (480-202372-2). This was demonstrated when the potassium permanganate reagent was added and the characteristic purple color faded rapidly. This loss of color indicates oxidizing conditions were not maintained. The sample(s) was prepared and analyzed at a 1/30 dilution, which maintained the purple color during digestion.

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

Organic Prep

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

Detection Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	18		10	3.0	ug/L	1		8260C	Total/NA
Benzene	0.45	J	1.0	0.41	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	2.3	J	10	1.3	ug/L	1		8260C	Total/NA
Carbon disulfide	0.54	J	1.0	0.19	ug/L	1		8260C	Total/NA
Acenaphthene	0.62	J	5.0	0.41	ug/L	1		8270D	Total/NA
Benzaldehyde	24		5.0	0.27	ug/L	1		8270D	Total/NA
Diethyl phthalate	13	B	5.0	0.22	ug/L	1		8270D	Total/NA
2,4-Dimethylphenol	0.65	J	5.0	0.50	ug/L	1		8270D	Total/NA
2-Methylphenol	1.3	J	5.0	0.40	ug/L	1		8270D	Total/NA
4-Methylphenol	7.0	J	10	0.36	ug/L	1		8270D	Total/NA
Naphthalene	0.77	J	5.0	0.76	ug/L	1		8270D	Total/NA
Phenanthrene	0.63	J	5.0	0.44	ug/L	1		8270D	Total/NA
Phenol	16		5.0	0.39	ug/L	1		8270D	Total/NA
Aluminum	16.2		0.20	0.060	mg/L	1		6010C	Total/NA
Arsenic	0.0095	J	0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	0.18		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.00080	J	0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.00094	J	0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	203		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.041		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.0084		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.055		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	19.5		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	0.067		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	37.4		0.20	0.043	mg/L	1		6010C	Total/NA
Manganese	0.99	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.033		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	47.2		0.50	0.10	mg/L	1		6010C	Total/NA
Sodium	67.3		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.063		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	0.16		0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	21		10	3.0	ug/L	1		8260C	Total/NA
2-Butanone (MEK)	4.4	J	10	1.3	ug/L	1		8260C	Total/NA
Diethyl phthalate	12	B	5.0	0.22	ug/L	1		8270D	Total/NA
Aluminum	309		0.20	0.060	mg/L	1		6010C	Total/NA
Antimony	0.016	J	0.020	0.0068	mg/L	1		6010C	Total/NA
Arsenic	0.11		0.015	0.0056	mg/L	1		6010C	Total/NA
Barium	2.0		0.0020	0.00070	mg/L	1		6010C	Total/NA
Beryllium	0.012		0.0020	0.00030	mg/L	1		6010C	Total/NA
Cadmium	0.0065		0.0020	0.00050	mg/L	1		6010C	Total/NA
Calcium	723		0.50	0.10	mg/L	1		6010C	Total/NA
Chromium	0.40		0.0040	0.0010	mg/L	1		6010C	Total/NA
Cobalt	0.18		0.0040	0.00063	mg/L	1		6010C	Total/NA
Copper	0.47		0.010	0.0016	mg/L	1		6010C	Total/NA
Iron	333		0.050	0.019	mg/L	1		6010C	Total/NA
Lead	1.4		0.010	0.0030	mg/L	1		6010C	Total/NA
Magnesium	209		0.20	0.043	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Detection Summary

Client: C&S Engineers, Inc.

Job ID: 480-202372-1

Project/Site: Kensington and Bailey Ave Properties

Client Sample ID: GWSB-10 (Continued)

Lab Sample ID: 480-202372-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	7.6	B	0.0030	0.00040	mg/L	1		6010C	Total/NA
Nickel	0.48		0.010	0.0013	mg/L	1		6010C	Total/NA
Potassium	71.4		0.50	0.10	mg/L	1		6010C	Total/NA
Selenium	0.017	J	0.025	0.0087	mg/L	1		6010C	Total/NA
Sodium	321		1.0	0.32	mg/L	1		6010C	Total/NA
Vanadium	0.56		0.0050	0.0015	mg/L	1		6010C	Total/NA
Zinc	1.9		0.010	0.0015	mg/L	1		6010C	Total/NA
Mercury	0.0025	J	0.0060	0.0013	mg/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Date Collected: 10/05/22 10:30

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	18		10	3.0	ug/L			10/10/22 15:31	1
Benzene	0.45	J	1.0	0.41	ug/L			10/10/22 15:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/22 15:31	1
Bromoform	ND		1.0	0.26	ug/L			10/10/22 15:31	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/22 15:31	1
2-Butanone (MEK)	2.3	J	10	1.3	ug/L			10/10/22 15:31	1
Carbon disulfide	0.54	J	1.0	0.19	ug/L			10/10/22 15:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/22 15:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/22 15:31	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/22 15:31	1
Chloroform	ND		1.0	0.34	ug/L			10/10/22 15:31	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/22 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/22 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/22 15:31	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/22 15:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/22 15:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/22 15:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/22 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/22 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/22 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/22 15:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/22 15:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/22 15:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/22 15:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/22 15:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/22 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/22 15:31	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/22 15:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/22 15:31	1
Methyl acetate	ND		2.5	1.3	ug/L			10/10/22 15:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/22 15:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/22 15:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/22 15:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/22 15:31	1
Styrene	ND		1.0	0.73	ug/L			10/10/22 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/22 15:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/22 15:31	1
Toluene	ND		1.0	0.51	ug/L			10/10/22 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/22 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/22 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/22 15:31	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/10/22 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/22 15:31	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/22 15:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/22 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/22 15:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/22 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/22 15:31	1

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Date Collected: 10/05/22 10:30

Matrix: Water

Date Received: 10/05/22 11:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		10/10/22 15:31	1
Dibromofluoromethane (Surr)	101		75 - 123		10/10/22 15:31	1
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		10/10/22 15:31	1
Toluene-d8 (Surr)	99		80 - 120		10/10/22 15:31	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.62	J	5.0	0.41	ug/L		10/07/22 08:28	10/11/22 07:02	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/07/22 08:28	10/11/22 07:02	1
Acetophenone	ND		5.0	0.54	ug/L		10/07/22 08:28	10/11/22 07:02	1
Anthracene	ND		5.0	0.28	ug/L		10/07/22 08:28	10/11/22 07:02	1
Atrazine	ND		5.0	0.46	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzaldehyde	24		5.0	0.27	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 07:02	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/07/22 08:28	10/11/22 07:02	1
Biphenyl	ND		5.0	0.65	ug/L		10/07/22 08:28	10/11/22 07:02	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 07:02	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 07:02	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/07/22 08:28	10/11/22 07:02	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 07:02	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/07/22 08:28	10/11/22 07:02	1
Caprolactam	ND		5.0	2.2	ug/L		10/07/22 08:28	10/11/22 07:02	1
Carbazole	ND	*+	5.0	0.30	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 07:02	1
Chrysene	ND		5.0	0.33	ug/L		10/07/22 08:28	10/11/22 07:02	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/07/22 08:28	10/11/22 07:02	1
Dibenzofuran	ND		10	0.51	ug/L		10/07/22 08:28	10/11/22 07:02	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 07:02	1
Diethyl phthalate	13	B	5.0	0.22	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4-Dimethylphenol	0.65	J	5.0	0.50	ug/L		10/07/22 08:28	10/11/22 07:02	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 07:02	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/07/22 08:28	10/11/22 07:02	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 07:02	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 07:02	1
Fluoranthene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 07:02	1
Fluorene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 07:02	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 07:02	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/07/22 08:28	10/11/22 07:02	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Date Collected: 10/05/22 10:30

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 07:02	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 07:02	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 07:02	1
Isophorone	ND		5.0	0.43	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Methylphenol	1.3	J	5.0	0.40	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Methylphenol	7.0	J	10	0.36	ug/L		10/07/22 08:28	10/11/22 07:02	1
Naphthalene	0.77	J	5.0	0.76	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Nitroaniline	ND		10	0.42	ug/L		10/07/22 08:28	10/11/22 07:02	1
3-Nitroaniline	ND		10	0.48	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Nitroaniline	ND		10	0.25	ug/L		10/07/22 08:28	10/11/22 07:02	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/07/22 08:28	10/11/22 07:02	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/11/22 07:02	1
4-Nitrophenol	ND		10	1.5	ug/L		10/07/22 08:28	10/11/22 07:02	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/07/22 08:28	10/11/22 07:02	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 07:02	1
Pentachlorophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 07:02	1
Phenanthrene	0.63	J	5.0	0.44	ug/L		10/07/22 08:28	10/11/22 07:02	1
Phenol	16		5.0	0.39	ug/L		10/07/22 08:28	10/11/22 07:02	1
Pyrene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/11/22 07:02	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/07/22 08:28	10/11/22 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	87		48 - 120	10/07/22 08:28	10/11/22 07:02	1
2-Fluorophenol	61		35 - 120	10/07/22 08:28	10/11/22 07:02	1
Nitrobenzene-d5	45	S1-	46 - 120	10/07/22 08:28	10/11/22 07:02	1
Phenol-d5	48		22 - 120	10/07/22 08:28	10/11/22 07:02	1
p-Terphenyl-d14	74		60 - 148	10/07/22 08:28	10/11/22 07:02	1
2,4,6-Tribromophenol	80		41 - 120	10/07/22 08:28	10/11/22 07:02	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	16.2		0.20	0.060	mg/L		10/06/22 16:23	10/07/22 18:55	1
Antimony	ND		0.020	0.0068	mg/L		10/06/22 16:23	10/07/22 18:55	1
Arsenic	0.0095	J	0.015	0.0056	mg/L		10/06/22 16:23	10/07/22 18:55	1
Barium	0.18		0.0020	0.00070	mg/L		10/06/22 16:23	10/07/22 18:55	1
Beryllium	0.00080	J	0.0020	0.00030	mg/L		10/06/22 16:23	10/07/22 18:55	1
Cadmium	0.00094	J	0.0020	0.00050	mg/L		10/06/22 16:23	10/07/22 18:55	1
Calcium	203		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 18:55	1
Chromium	0.041		0.0040	0.0010	mg/L		10/06/22 16:23	10/07/22 18:55	1
Cobalt	0.0084		0.0040	0.00063	mg/L		10/06/22 16:23	10/07/22 18:55	1
Copper	0.055		0.010	0.0016	mg/L		10/06/22 16:23	10/07/22 18:55	1
Iron	19.5		0.050	0.019	mg/L		10/06/22 16:23	10/07/22 18:55	1
Lead	0.067		0.010	0.0030	mg/L		10/06/22 16:23	10/07/22 18:55	1
Magnesium	37.4		0.20	0.043	mg/L		10/06/22 16:23	10/07/22 18:55	1
Manganese	0.99	B	0.0030	0.00040	mg/L		10/06/22 16:23	10/07/22 18:55	1
Nickel	0.033		0.010	0.0013	mg/L		10/06/22 16:23	10/07/22 18:55	1
Potassium	47.2		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 18:55	1
Selenium	ND		0.025	0.0087	mg/L		10/06/22 16:23	10/07/22 18:55	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Date Collected: 10/05/22 10:30

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/06/22 16:23	10/07/22 18:55	1
Sodium	67.3		1.0	0.32	mg/L		10/06/22 16:23	10/07/22 18:55	1
Thallium	ND		0.020	0.010	mg/L		10/06/22 16:23	10/07/22 18:55	1
Vanadium	0.063		0.0050	0.0015	mg/L		10/06/22 16:23	10/07/22 18:55	1
Zinc	0.16		0.010	0.0015	mg/L		10/06/22 16:23	10/07/22 18:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		10/07/22 11:30	10/07/22 15:16	1

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Date Collected: 10/05/22 10:50

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	21		10	3.0	ug/L			10/10/22 15:53	1
Benzene	ND		1.0	0.41	ug/L			10/10/22 15:53	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/22 15:53	1
Bromoform	ND		1.0	0.26	ug/L			10/10/22 15:53	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/22 15:53	1
2-Butanone (MEK)	4.4 J		10	1.3	ug/L			10/10/22 15:53	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/22 15:53	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/22 15:53	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/22 15:53	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/22 15:53	1
Chloroform	ND		1.0	0.34	ug/L			10/10/22 15:53	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/22 15:53	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/22 15:53	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/22 15:53	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/22 15:53	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/22 15:53	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/22 15:53	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/22 15:53	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/22 15:53	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/22 15:53	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/22 15:53	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/22 15:53	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/22 15:53	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/22 15:53	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/22 15:53	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/22 15:53	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/22 15:53	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/22 15:53	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/22 15:53	1
Methyl acetate	ND		2.5	1.3	ug/L			10/10/22 15:53	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/22 15:53	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/22 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/22 15:53	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/22 15:53	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Date Collected: 10/05/22 10:50

Matrix: Water

Date Received: 10/05/22 11:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/10/22 15:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/22 15:53	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/22 15:53	1
Toluene	ND		1.0	0.51	ug/L			10/10/22 15:53	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/22 15:53	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/22 15:53	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/22 15:53	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/10/22 15:53	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/22 15:53	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/22 15:53	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/22 15:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/22 15:53	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/22 15:53	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/22 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		10/10/22 15:53	1
Dibromofluoromethane (Surr)	103		75 - 123		10/10/22 15:53	1
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/10/22 15:53	1
Toluene-d8 (Surr)	101		80 - 120		10/10/22 15:53	1

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		10/07/22 08:28	10/11/22 08:38	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/07/22 08:28	10/11/22 08:38	1
Acetophenone	ND		5.0	0.54	ug/L		10/07/22 08:28	10/11/22 08:38	1
Anthracene	ND		5.0	0.28	ug/L		10/07/22 08:28	10/11/22 08:38	1
Atrazine	ND		5.0	0.46	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 08:38	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/07/22 08:28	10/11/22 08:38	1
Biphenyl	ND		5.0	0.65	ug/L		10/07/22 08:28	10/11/22 08:38	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 08:38	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 08:38	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/07/22 08:28	10/11/22 08:38	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 08:38	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/07/22 08:28	10/11/22 08:38	1
Caprolactam	ND		5.0	2.2	ug/L		10/07/22 08:28	10/11/22 08:38	1
Carbazole	ND	+	5.0	0.30	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/07/22 08:28	10/11/22 08:38	1
Chrysene	ND		5.0	0.33	ug/L		10/07/22 08:28	10/11/22 08:38	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/07/22 08:28	10/11/22 08:38	1

Eurofins Buffalo

Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Date Collected: 10/05/22 10:50

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		10	0.51	ug/L		10/07/22 08:28	10/11/22 08:38	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 08:38	1
Diethyl phthalate	12	B	5.0	0.22	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/07/22 08:28	10/11/22 08:38	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 08:38	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/07/22 08:28	10/11/22 08:38	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 08:38	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 08:38	1
Fluoranthene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 08:38	1
Fluorene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/11/22 08:38	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 08:38	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/07/22 08:28	10/11/22 08:38	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 08:38	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/07/22 08:28	10/11/22 08:38	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/11/22 08:38	1
Isophorone	ND		5.0	0.43	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Methylphenol	ND		10	0.36	ug/L		10/07/22 08:28	10/11/22 08:38	1
Naphthalene	ND		5.0	0.76	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Nitroaniline	ND		10	0.42	ug/L		10/07/22 08:28	10/11/22 08:38	1
3-Nitroaniline	ND		10	0.48	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Nitroaniline	ND		10	0.25	ug/L		10/07/22 08:28	10/11/22 08:38	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/07/22 08:28	10/11/22 08:38	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/11/22 08:38	1
4-Nitrophenol	ND		10	1.5	ug/L		10/07/22 08:28	10/11/22 08:38	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/07/22 08:28	10/11/22 08:38	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/07/22 08:28	10/11/22 08:38	1
Pentachlorophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/11/22 08:38	1
Phenanthrene	ND		5.0	0.44	ug/L		10/07/22 08:28	10/11/22 08:38	1
Phenol	ND		5.0	0.39	ug/L		10/07/22 08:28	10/11/22 08:38	1
Pyrene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/11/22 08:38	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/07/22 08:28	10/11/22 08:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	76		48 - 120	10/07/22 08:28	10/11/22 08:38	1
2-Fluorophenol	53		35 - 120	10/07/22 08:28	10/11/22 08:38	1
Nitrobenzene-d5	62		46 - 120	10/07/22 08:28	10/11/22 08:38	1
Phenol-d5	43		22 - 120	10/07/22 08:28	10/11/22 08:38	1
p-Terphenyl-d14	70		60 - 148	10/07/22 08:28	10/11/22 08:38	1
2,4,6-Tribromophenol	74		41 - 120	10/07/22 08:28	10/11/22 08:38	1

Method: SW846 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	309		0.20	0.060	mg/L		10/06/22 16:23	10/07/22 18:58	1

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Client Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Date Collected: 10/05/22 10:50

Matrix: Water

Date Received: 10/05/22 11:50

Method: SW846 6010C - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.016	J	0.020	0.0068	mg/L		10/06/22 16:23	10/07/22 18:58	1
Arsenic	0.11		0.015	0.0056	mg/L		10/06/22 16:23	10/07/22 18:58	1
Barium	2.0		0.0020	0.00070	mg/L		10/06/22 16:23	10/07/22 18:58	1
Beryllium	0.012		0.0020	0.00030	mg/L		10/06/22 16:23	10/07/22 18:58	1
Cadmium	0.0065		0.0020	0.00050	mg/L		10/06/22 16:23	10/07/22 18:58	1
Calcium	723		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 18:58	1
Chromium	0.40		0.0040	0.0010	mg/L		10/06/22 16:23	10/07/22 18:58	1
Cobalt	0.18		0.0040	0.00063	mg/L		10/06/22 16:23	10/07/22 18:58	1
Copper	0.47		0.010	0.0016	mg/L		10/06/22 16:23	10/07/22 18:58	1
Iron	333		0.050	0.019	mg/L		10/06/22 16:23	10/07/22 18:58	1
Lead	1.4		0.010	0.0030	mg/L		10/06/22 16:23	10/07/22 18:58	1
Magnesium	209		0.20	0.043	mg/L		10/06/22 16:23	10/07/22 18:58	1
Manganese	7.6	B	0.0030	0.00040	mg/L		10/06/22 16:23	10/07/22 18:58	1
Nickel	0.48		0.010	0.0013	mg/L		10/06/22 16:23	10/07/22 18:58	1
Potassium	71.4		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 18:58	1
Selenium	0.017	J	0.025	0.0087	mg/L		10/06/22 16:23	10/07/22 18:58	1
Silver	ND		0.0060	0.0017	mg/L		10/06/22 16:23	10/07/22 18:58	1
Sodium	321		1.0	0.32	mg/L		10/06/22 16:23	10/07/22 18:58	1
Thallium	ND		0.020	0.010	mg/L		10/06/22 16:23	10/07/22 18:58	1
Vanadium	0.56		0.0050	0.0015	mg/L		10/06/22 16:23	10/07/22 18:58	1
Zinc	1.9		0.010	0.0015	mg/L		10/06/22 16:23	10/07/22 18:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0025	J	0.0060	0.0013	mg/L		10/07/22 11:30	10/07/22 15:17	1

Surrogate Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (73-120)	DBFM (75-123)	DCA (77-120)	TOL (80-120)
480-202372-1	GWSB-8	100	101	102	99
480-202372-2	GWSB-10	100	103	103	101
LCS 480-644710/5	Lab Control Sample	98	100	98	101
MB 480-644710/7	Method Blank	100	101	100	99
Surrogate Legend					
BFB = 4-Bromofluorobenzene (Surr)					
DBFM = Dibromofluoromethane (Surr)					
DCA = 1,2-Dichloroethane-d4 (Surr)					
TOL = Toluene-d8 (Surr)					

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		FBP (48-120)	2FP (35-120)	NBZ (46-120)	PHL (22-120)	TPHd14 (60-148)	TBP (41-120)
480-202372-1	GWSB-8	87	61	45 S1-	48	74	80
480-202372-2	GWSB-10	76	53	62	43	70	74
LCS 480-644381/2-A	Lab Control Sample	92	67	81	58	96	82
MB 480-644381/1-A	Method Blank	88	59	75	44	102	60
Surrogate Legend							
FBP = 2-Fluorobiphenyl							
2FP = 2-Fluorophenol							
NBZ = Nitrobenzene-d5							
PHL = Phenol-d5							
TPHd14 = p-Terphenyl-d14							
TBP = 2,4,6-Tribromophenol							

QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

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

Lab Sample ID: MB 480-644710/7

Matrix: Water

Analysis Batch: 644710

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			10/10/22 13:15	1
Benzene	ND		1.0	0.41	ug/L			10/10/22 13:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/10/22 13:15	1
Bromoform	ND		1.0	0.26	ug/L			10/10/22 13:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/10/22 13:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/10/22 13:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/10/22 13:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/10/22 13:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/10/22 13:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/10/22 13:15	1
Chloroform	ND		1.0	0.34	ug/L			10/10/22 13:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/10/22 13:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/10/22 13:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/10/22 13:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/10/22 13:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/10/22 13:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/10/22 13:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/10/22 13:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/10/22 13:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/10/22 13:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/10/22 13:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/10/22 13:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/10/22 13:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/10/22 13:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/10/22 13:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/10/22 13:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/10/22 13:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/10/22 13:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/10/22 13:15	1
Methyl acetate	ND		2.5	1.3	ug/L			10/10/22 13:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/10/22 13:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/10/22 13:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/10/22 13:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/10/22 13:15	1
Styrene	ND		1.0	0.73	ug/L			10/10/22 13:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/10/22 13:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/10/22 13:15	1
Toluene	ND		1.0	0.51	ug/L			10/10/22 13:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/10/22 13:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/10/22 13:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/10/22 13:15	1
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/10/22 13:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/10/22 13:15	1
Trichloroethene	ND		1.0	0.46	ug/L			10/10/22 13:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/10/22 13:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/10/22 13:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/10/22 13:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/10/22 13:15	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

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

Lab Sample ID: MB 480-644710/7

Matrix: Water

Analysis Batch: 644710

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		73 - 120		10/10/22 13:15	1
Dibromofluoromethane (Surr)	101		75 - 123		10/10/22 13:15	1
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		10/10/22 13:15	1
Toluene-d8 (Surr)	99		80 - 120		10/10/22 13:15	1

Lab Sample ID: LCS 480-644710/5

Matrix: Water

Analysis Batch: 644710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	125	154		ug/L		123	56 - 142
Benzene	25.0	25.1		ug/L		100	71 - 124
Bromodichloromethane	25.0	23.5		ug/L		94	80 - 122
Bromoform	25.0	23.3		ug/L		93	61 - 132
Bromomethane	25.0	25.1		ug/L		100	55 - 144
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
Carbon disulfide	25.0	26.6		ug/L		106	59 - 134
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	25.0	24.3		ug/L		97	80 - 120
Chloroethane	25.0	27.5		ug/L		110	69 - 136
Chloroform	25.0	23.8		ug/L		95	73 - 127
Chloromethane	25.0	27.0		ug/L		108	68 - 124
cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	24.2		ug/L		97	74 - 124
Cyclohexane	25.0	27.9		ug/L		112	59 - 135
Dibromochloromethane	25.0	23.7		ug/L		95	75 - 125
1,2-Dibromo-3-Chloropropane	25.0	25.2		ug/L		101	56 - 134
1,2-Dibromoethane	25.0	24.1		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,3-Dichlorobenzene	25.0	24.1		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.2		ug/L		93	80 - 120
Dichlorodifluoromethane	25.0	29.9		ug/L		120	59 - 135
1,1-Dichloroethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichloroethane	25.0	23.3		ug/L		93	75 - 120
1,1-Dichloroethene	25.0	26.5		ug/L		106	66 - 127
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
2-Hexanone	125	131		ug/L		105	65 - 127
Isopropylbenzene	25.0	26.5		ug/L		106	77 - 122
Methyl acetate	50.0	51.3		ug/L		103	74 - 133
Methylcyclohexane	25.0	26.7		ug/L		107	68 - 134
Methylene Chloride	25.0	25.3		ug/L		101	75 - 124
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		102	71 - 125
Methyl tert-butyl ether	25.0	23.4		ug/L		94	77 - 120
Styrene	25.0	24.7		ug/L		99	80 - 120
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	76 - 120
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122
Toluene	25.0	25.2		ug/L		101	80 - 122

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

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

Lab Sample ID: LCS 480-644710/5

Matrix: Water

Analysis Batch: 644710

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
1,2,4-Trichlorobenzene	25.0	22.8		ug/L		91	79 - 122
1,1,1-Trichloroethane	25.0	24.7		ug/L		99	73 - 126
1,1,2-Trichloroethane	25.0	23.9		ug/L		96	76 - 122
Trichloroethene	25.0	25.4		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	28.3		ug/L		113	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.8		ug/L		119	61 - 148
Vinyl chloride	25.0	26.7		ug/L		107	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
Toluene-d8 (Surr)	101		80 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-644381/1-A

Matrix: Water

Analysis Batch: 644659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644381

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		5.0	0.41	ug/L		10/07/22 08:28	10/10/22 17:40	1
Acenaphthylene	ND		5.0	0.38	ug/L		10/07/22 08:28	10/10/22 17:40	1
Acetophenone	ND		5.0	0.54	ug/L		10/07/22 08:28	10/10/22 17:40	1
Anthracene	ND		5.0	0.28	ug/L		10/07/22 08:28	10/10/22 17:40	1
Atrazine	ND		5.0	0.46	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzaldehyde	ND		5.0	0.27	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		10/07/22 08:28	10/10/22 17:40	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		10/07/22 08:28	10/10/22 17:40	1
Biphenyl	ND		5.0	0.65	ug/L		10/07/22 08:28	10/10/22 17:40	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		10/07/22 08:28	10/10/22 17:40	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		10/07/22 08:28	10/10/22 17:40	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		10/07/22 08:28	10/10/22 17:40	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		10/07/22 08:28	10/10/22 17:40	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		10/07/22 08:28	10/10/22 17:40	1
Caprolactam	ND		5.0	2.2	ug/L		10/07/22 08:28	10/10/22 17:40	1
Carbazole	ND		5.0	0.30	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Chloroaniline	ND		5.0	0.59	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Chlorophenol	ND		5.0	0.53	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		10/07/22 08:28	10/10/22 17:40	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-644381/1-A

Matrix: Water

Analysis Batch: 644659

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644381

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		10/07/22 08:28	10/10/22 17:40	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		10/07/22 08:28	10/10/22 17:40	1
Dibenzofuran	ND		10	0.51	ug/L		10/07/22 08:28	10/10/22 17:40	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		10/07/22 08:28	10/10/22 17:40	1
Diethyl phthalate	0.987	J	5.0	0.22	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		10/07/22 08:28	10/10/22 17:40	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		10/07/22 08:28	10/10/22 17:40	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		10/07/22 08:28	10/10/22 17:40	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/10/22 17:40	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		10/07/22 08:28	10/10/22 17:40	1
Fluoranthene	ND		5.0	0.40	ug/L		10/07/22 08:28	10/10/22 17:40	1
Fluorene	ND		5.0	0.36	ug/L		10/07/22 08:28	10/10/22 17:40	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		10/07/22 08:28	10/10/22 17:40	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		10/07/22 08:28	10/10/22 17:40	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		10/07/22 08:28	10/10/22 17:40	1
Hexachloroethane	ND		5.0	0.59	ug/L		10/07/22 08:28	10/10/22 17:40	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		10/07/22 08:28	10/10/22 17:40	1
Isophorone	ND		5.0	0.43	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Methylphenol	ND		5.0	0.40	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Methylphenol	ND		10	0.36	ug/L		10/07/22 08:28	10/10/22 17:40	1
Naphthalene	ND		5.0	0.76	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Nitroaniline	ND		10	0.42	ug/L		10/07/22 08:28	10/10/22 17:40	1
3-Nitroaniline	ND		10	0.48	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Nitroaniline	ND		10	0.25	ug/L		10/07/22 08:28	10/10/22 17:40	1
Nitrobenzene	ND		5.0	0.29	ug/L		10/07/22 08:28	10/10/22 17:40	1
2-Nitrophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/10/22 17:40	1
4-Nitrophenol	ND		10	1.5	ug/L		10/07/22 08:28	10/10/22 17:40	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		10/07/22 08:28	10/10/22 17:40	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		10/07/22 08:28	10/10/22 17:40	1
Pentachlorophenol	ND		10	2.2	ug/L		10/07/22 08:28	10/10/22 17:40	1
Phenanthrene	ND		5.0	0.44	ug/L		10/07/22 08:28	10/10/22 17:40	1
Phenol	ND		5.0	0.39	ug/L		10/07/22 08:28	10/10/22 17:40	1
Pyrene	ND		5.0	0.34	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		10/07/22 08:28	10/10/22 17:40	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		10/07/22 08:28	10/10/22 17:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	88		48 - 120	10/07/22 08:28	10/10/22 17:40	1
2-Fluorophenol	59		35 - 120	10/07/22 08:28	10/10/22 17:40	1
Nitrobenzene-d5	75		46 - 120	10/07/22 08:28	10/10/22 17:40	1
Phenol-d5	44		22 - 120	10/07/22 08:28	10/10/22 17:40	1
p-Terphenyl-d14	102		60 - 148	10/07/22 08:28	10/10/22 17:40	1
2,4,6-Tribromophenol	60		41 - 120	10/07/22 08:28	10/10/22 17:40	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-644381/2-A

Matrix: Water

Analysis Batch: 644659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	32.0	29.9		ug/L		93	60 - 120
Acenaphthylene	32.0	31.0		ug/L		97	63 - 120
Acetophenone	32.0	29.6		ug/L		93	45 - 120
Anthracene	32.0	33.7		ug/L		105	67 - 120
Atrazine	64.0	62.5		ug/L		98	71 - 130
Benzaldehyde	64.0	53.5		ug/L		84	10 - 140
Benzo(a)anthracene	32.0	31.0		ug/L		97	70 - 121
Benzo(a)pyrene	32.0	31.3		ug/L		98	60 - 123
Benzo(b)fluoranthene	32.0	32.4		ug/L		101	66 - 126
Benzo(g,h,i)perylene	32.0	30.6		ug/L		96	66 - 150
Benzo(k)fluoranthene	32.0	32.0		ug/L		100	65 - 124
Biphenyl	32.0	28.7		ug/L		90	59 - 120
Bis(2-chloroethoxy)methane	32.0	30.0		ug/L		94	50 - 128
Bis(2-chloroethyl)ether	32.0	30.2		ug/L		94	44 - 120
bis (2-chloroisopropyl) ether	32.0	35.5		ug/L		111	21 - 136
Bis(2-ethylhexyl) phthalate	32.0	33.2		ug/L		104	63 - 139
4-Bromophenyl phenyl ether	32.0	28.0		ug/L		87	65 - 120
Butyl benzyl phthalate	32.0	33.6		ug/L		105	70 - 129
Caprolactam	64.0	24.0		ug/L		37	22 - 120
Carbazole	32.0	50.5	+	ug/L		158	66 - 123
4-Chloroaniline	32.0	21.6		ug/L		68	30 - 120
4-Chloro-3-methylphenol	32.0	27.8		ug/L		87	61 - 123
2-Chloronaphthalene	32.0	27.6		ug/L		86	58 - 120
2-Chlorophenol	32.0	28.1		ug/L		88	48 - 120
4-Chlorophenyl phenyl ether	32.0	27.7		ug/L		87	62 - 120
Chrysene	32.0	31.4		ug/L		98	69 - 120
Dibenz(a,h)anthracene	32.0	32.8		ug/L		102	65 - 135
Dibenzofuran	32.0	30.1		ug/L		94	66 - 120
3,3'-Dichlorobenzidine	64.0	62.2		ug/L		97	49 - 135
2,4-Dichlorophenol	32.0	29.5		ug/L		92	63 - 120
Diethyl phthalate	32.0	33.9		ug/L		106	59 - 127
2,4-Dimethylphenol	32.0	28.3		ug/L		89	47 - 120
Dimethyl phthalate	32.0	30.9		ug/L		97	68 - 120
Di-n-butyl phthalate	32.0	35.5		ug/L		111	69 - 131
4,6-Dinitro-2-methylphenol	64.0	65.6		ug/L		103	46 - 136
2,4-Dinitrophenol	64.0	60.7		ug/L		95	31 - 137
2,4-Dinitrotoluene	32.0	30.0		ug/L		94	69 - 120
2,6-Dinitrotoluene	32.0	30.3		ug/L		95	68 - 120
Di-n-octyl phthalate	32.0	31.3		ug/L		98	63 - 140
Fluoranthene	32.0	33.4		ug/L		104	69 - 126
Fluorene	32.0	31.4		ug/L		98	66 - 120
Hexachlorobenzene	32.0	27.1		ug/L		85	61 - 120
Hexachlorobutadiene	32.0	17.0		ug/L		53	35 - 120
Hexachlorocyclopentadiene	32.0	13.5		ug/L		42	31 - 120
Hexachloroethane	32.0	22.5		ug/L		70	43 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.4		ug/L		104	69 - 146
Isophorone	32.0	30.3		ug/L		95	55 - 120
2-Methylnaphthalene	32.0	24.9		ug/L		78	59 - 120

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-644381/2-A

Matrix: Water

Analysis Batch: 644659

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644381

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	32.0	32.2		ug/L		101	39 - 120
4-Methylphenol	32.0	29.2		ug/L		91	29 - 131
Naphthalene	32.0	27.4		ug/L		86	57 - 120
2-Nitroaniline	32.0	31.1		ug/L		97	54 - 127
3-Nitroaniline	32.0	27.8		ug/L		87	51 - 120
4-Nitroaniline	32.0	37.5		ug/L		117	65 - 120
Nitrobenzene	32.0	29.1		ug/L		91	53 - 123
2-Nitrophenol	32.0	29.1		ug/L		91	52 - 125
4-Nitrophenol	64.0	37.7		ug/L		59	45 - 120
N-Nitrosodi-n-propylamine	32.0	32.5		ug/L		102	32 - 140
Pentachlorophenol	64.0	53.6		ug/L		84	29 - 136
Phenanthrene	32.0	33.5		ug/L		105	68 - 120
Phenol	32.0	20.4		ug/L		64	17 - 120
Pyrene	32.0	33.7		ug/L		105	70 - 125
2,4,5-Trichlorophenol	32.0	30.5		ug/L		95	65 - 126
2,4,6-Trichlorophenol	32.0	27.7		ug/L		87	64 - 120

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	92		48 - 120
2-Fluorophenol	67		35 - 120
Nitrobenzene-d5	81		46 - 120
Phenol-d5	58		22 - 120
p-Terphenyl-d14	96		60 - 148
2,4,6-Tribromophenol	82		41 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-644327/1-A

Matrix: Water

Analysis Batch: 644676

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644327

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Aluminum	ND		0.20	0.060	mg/L		10/06/22 16:23	10/07/22 17:15	1
Antimony	ND		0.020	0.0068	mg/L		10/06/22 16:23	10/07/22 17:15	1
Arsenic	ND		0.015	0.0056	mg/L		10/06/22 16:23	10/07/22 17:15	1
Barium	ND		0.0020	0.00070	mg/L		10/06/22 16:23	10/07/22 17:15	1
Beryllium	ND		0.0020	0.00030	mg/L		10/06/22 16:23	10/07/22 17:15	1
Cadmium	ND		0.0020	0.00050	mg/L		10/06/22 16:23	10/07/22 17:15	1
Calcium	ND		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 17:15	1
Chromium	ND		0.0040	0.0010	mg/L		10/06/22 16:23	10/07/22 17:15	1
Cobalt	ND		0.0040	0.00063	mg/L		10/06/22 16:23	10/07/22 17:15	1
Copper	ND		0.010	0.0016	mg/L		10/06/22 16:23	10/07/22 17:15	1
Iron	ND		0.050	0.019	mg/L		10/06/22 16:23	10/07/22 17:15	1
Lead	ND		0.010	0.0030	mg/L		10/06/22 16:23	10/07/22 17:15	1
Magnesium	ND		0.20	0.043	mg/L		10/06/22 16:23	10/07/22 17:15	1
Manganese	0.000970	J	0.0030	0.00040	mg/L		10/06/22 16:23	10/07/22 17:15	1
Nickel	ND		0.010	0.0013	mg/L		10/06/22 16:23	10/07/22 17:15	1
Potassium	ND		0.50	0.10	mg/L		10/06/22 16:23	10/07/22 17:15	1
Selenium	ND		0.025	0.0087	mg/L		10/06/22 16:23	10/07/22 17:15	1

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 480-644327/1-A

Matrix: Water

Analysis Batch: 644676

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644327

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		10/06/22 16:23	10/07/22 17:15	1
Sodium	ND		1.0	0.32	mg/L		10/06/22 16:23	10/07/22 17:15	1
Thallium	ND		0.020	0.010	mg/L		10/06/22 16:23	10/07/22 17:15	1
Vanadium	ND		0.0050	0.0015	mg/L		10/06/22 16:23	10/07/22 17:15	1
Zinc	ND		0.010	0.0015	mg/L		10/06/22 16:23	10/07/22 17:15	1

Lab Sample ID: LCS 480-644327/2-A

Matrix: Water

Analysis Batch: 644676

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644327

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	10.0	9.81		mg/L		98	80 - 120
Antimony	0.200	0.204		mg/L		102	80 - 120
Arsenic	0.201	0.200		mg/L		100	80 - 120
Barium	0.200	0.204		mg/L		102	80 - 120
Beryllium	0.200	0.206		mg/L		103	80 - 120
Cadmium	0.200	0.197		mg/L		98	80 - 120
Calcium	10.0	9.95		mg/L		99	80 - 120
Chromium	0.200	0.197		mg/L		99	80 - 120
Cobalt	0.200	0.195		mg/L		98	80 - 120
Copper	0.200	0.204		mg/L		102	80 - 120
Iron	10.0	10.10		mg/L		101	80 - 120
Lead	0.201	0.195		mg/L		97	80 - 120
Magnesium	10.0	9.55		mg/L		95	80 - 120
Manganese	0.200	0.205		mg/L		103	80 - 120
Nickel	0.200	0.193		mg/L		97	80 - 120
Potassium	10.0	9.71		mg/L		97	80 - 120
Selenium	0.200	0.198		mg/L		99	80 - 120
Silver	0.0500	0.0479		mg/L		96	80 - 120
Sodium	10.0	9.61		mg/L		96	80 - 120
Thallium	0.200	0.200		mg/L		100	80 - 120
Vanadium	0.201	0.195		mg/L		97	80 - 120
Zinc	0.200	0.198		mg/L		99	80 - 120

Lab Sample ID: LCSD 480-644327/3-A

Matrix: Water

Analysis Batch: 644676

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 644327

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	10.0	10.10		mg/L		101	80 - 120	3	20
Antimony	0.200	0.210		mg/L		105	80 - 120	3	20
Arsenic	0.201	0.205		mg/L		102	80 - 120	2	20
Barium	0.200	0.209		mg/L		104	80 - 120	2	20
Beryllium	0.200	0.214		mg/L		107	80 - 120	3	20
Cadmium	0.200	0.203		mg/L		101	80 - 120	3	20
Calcium	10.0	10.24		mg/L		102	80 - 120	3	20
Chromium	0.200	0.201		mg/L		101	80 - 120	2	20
Cobalt	0.200	0.202		mg/L		101	80 - 120	4	20
Copper	0.200	0.210		mg/L		105	80 - 120	3	20

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QC Sample Results

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCSD 480-644327/3-A

Matrix: Water

Analysis Batch: 644676

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 644327

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Iron	10.0	10.45		mg/L		104	80 - 120		3	20
Lead	0.201	0.202		mg/L		101	80 - 120		4	20
Magnesium	10.0	9.83		mg/L		98	80 - 120		3	20
Manganese	0.200	0.211		mg/L		105	80 - 120		3	20
Nickel	0.200	0.200		mg/L		100	80 - 120		4	20
Potassium	10.0	9.97		mg/L		100	80 - 120		3	20
Selenium	0.200	0.203		mg/L		101	80 - 120		3	20
Silver	0.0500	0.0490		mg/L		98	80 - 120		2	20
Sodium	10.0	9.82		mg/L		98	80 - 120		2	20
Thallium	0.200	0.207		mg/L		103	80 - 120		3	20
Vanadium	0.201	0.200		mg/L		100	80 - 120		3	20
Zinc	0.200	0.202		mg/L		101	80 - 120		2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-644443/1-A

Matrix: Water

Analysis Batch: 644525

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 644443

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury	ND		0.00020	0.000043	mg/L		10/07/22 11:30	10/07/22 14:42	1

Lab Sample ID: LCS 480-644443/2-A

Matrix: Water

Analysis Batch: 644525

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 644443

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Mercury	0.00667	0.00663		mg/L		99	80 - 120	

QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

GC/MS VOA

Analysis Batch: 644710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	8260C	
480-202372-2	GWSB-10	Total/NA	Water	8260C	
MB 480-644710/7	Method Blank	Total/NA	Water	8260C	
LCS 480-644710/5	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 644381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	3510C	
480-202372-2	GWSB-10	Total/NA	Water	3510C	
MB 480-644381/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-644381/2-A	Lab Control Sample	Total/NA	Water	3510C	

Analysis Batch: 644659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-644381/1-A	Method Blank	Total/NA	Water	8270D	644381
LCS 480-644381/2-A	Lab Control Sample	Total/NA	Water	8270D	644381

Analysis Batch: 644701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	8270D	644381
480-202372-2	GWSB-10	Total/NA	Water	8270D	644381

Metals

Prep Batch: 644327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	3005A	
480-202372-2	GWSB-10	Total/NA	Water	3005A	
MB 480-644327/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-644327/2-A	Lab Control Sample	Total/NA	Water	3005A	
LCSD 480-644327/3-A	Lab Control Sample Dup	Total/NA	Water	3005A	

Prep Batch: 644443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	7470A	
480-202372-2	GWSB-10	Total/NA	Water	7470A	
MB 480-644443/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-644443/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 644525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	7470A	644443
480-202372-2	GWSB-10	Total/NA	Water	7470A	644443
MB 480-644443/1-A	Method Blank	Total/NA	Water	7470A	644443
LCS 480-644443/2-A	Lab Control Sample	Total/NA	Water	7470A	644443

Analysis Batch: 644676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-202372-1	GWSB-8	Total/NA	Water	6010C	644327
480-202372-2	GWSB-10	Total/NA	Water	6010C	644327

Eurofins Buffalo

QC Association Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Metals (Continued)

Analysis Batch: 644676 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-644327/1-A	Method Blank	Total/NA	Water	6010C	644327
LCS 480-644327/2-A	Lab Control Sample	Total/NA	Water	6010C	644327
LCSD 480-644327/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	644327

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Lab Chronicle

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Client Sample ID: GWSB-8

Lab Sample ID: 480-202372-1

Date Collected: 10/05/22 10:30

Matrix: Water

Date Received: 10/05/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644710	AXK	EET BUF	10/10/22 15:31
Total/NA	Prep	3510C			644381	MS	EET BUF	10/07/22 08:28
Total/NA	Analysis	8270D		1	644701	RJS	EET BUF	10/11/22 07:02
Total/NA	Prep	3005A			644327	NZG	EET BUF	10/06/22 16:23
Total/NA	Analysis	6010C		1	644676	BMB	EET BUF	10/07/22 18:55
Total/NA	Prep	7470A			644443	NVK	EET BUF	10/07/22 11:30
Total/NA	Analysis	7470A		1	644525	NVK	EET BUF	10/07/22 15:16

Client Sample ID: GWSB-10

Lab Sample ID: 480-202372-2

Date Collected: 10/05/22 10:50

Matrix: Water

Date Received: 10/05/22 11:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	644710	AXK	EET BUF	10/10/22 15:53
Total/NA	Prep	3510C			644381	MS	EET BUF	10/07/22 08:28
Total/NA	Analysis	8270D		1	644701	RJS	EET BUF	10/11/22 08:38
Total/NA	Prep	3005A			644327	NZG	EET BUF	10/06/22 16:23
Total/NA	Analysis	6010C		1	644676	BMB	EET BUF	10/07/22 18:58
Total/NA	Prep	7470A			644443	NVK	EET BUF	10/07/22 11:30
Total/NA	Analysis	7470A		1	644525	NVK	EET BUF	10/07/22 15:17

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: C&S Engineers, Inc.

Job ID: 480-202372-1

Project/Site: Kensington and Bailey Ave Properties

Laboratory: Eurofins Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-23

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Method Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010C	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

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

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: C&S Engineers, Inc.
Project/Site: Kensington and Bailey Ave Properties

Job ID: 480-202372-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-202372-1	GWSB-8	Water	10/05/22 10:30	10/05/22 11:50
480-202372-2	GWSB-10	Water	10/05/22 10:50	10/05/22 11:50

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Phone: 716-691-2600 Fax: 716-691-7991

**Environment Testing
America**

Login Sample Receipt Checklist

Client: C&S Engineers, Inc.

Job Number: 480-202372-1

Login Number: 202372

List Source: Eurofins Buffalo

List Number: 1

Creator: Kolb, Chris M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	C&S
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	