August 18, 2023

Susanne May
EHS Specialist
Danskammer Energy
994 River Road
Newburgh, NY 12550

Re: Community Air Monitoring Plan Implementation and Waste Characterization Report
Danskammer Energy – Stormwater Conveyance Pipe Installation
994 River Road
Newburgh, New York 12550
Project # CZ 41440.02

Dear Ms. May,

LaBella Associates, D.P.C. ("LaBella") is pleased to submit this summary letter documenting, excavation oversight, waste characterization soil sampling, and Community Air Monitoring Program (CAMP) implementation conducted during stormwater management construction activities at the Danskammer Energy facility (Danskammer) at 994 River Road, Newburgh, Orange County, New York, hereinafter referred to as the "Site" (**Figure 1**).

Soil excavation oversight and sampling tasks were performed by Labella on August 1, 2023, consistent with the Site's Excavation Work Plan (EWP), 29 CFR 1910.20, and 29 CFR Subpart P. Danskammer communicated directly with New York State Department of Environmental Conservation (NYSDEC) to provide the scope and EWP. Tasks performed included:

- Implementation of a CAMP during soil disturbing activities at the Site, including excavation and stockpiling of approximately 30 cubic yards of soil material.
- Visual, olfactory, and instrument-based (e.g., photoionization detector [PID]) soil screening during excavation into potentially contaminated material.
- Collection of one (1) waste characterization soil sample for characterization analyses required by prospective disposal facility and NYSDEC for potential reuse on-Site.

LaBella's field observations, laboratory analytical results, CAMP monitoring results, conclusions, and recommendations are included in the following sections with supporting documentation attached.

Summary of Soil Excavation Activities

On August 1, 2023, a LaBella environmental professional mobilized to the Site to provide oversight during soil excavation activities performed by Danksammer Energy's construction contractor, Nova Contracting (Nova) of Newburgh, New York.

A trench was advanced to an approximate depth range of 4-feet below ground surface (ft bgs) with a final aerial extent of approximately 50-feet by 4-feet or 200-square feet. A LaBella environmental professional conducted soil screening that included visual, olfactory and instrument-based (e.g., photoionization detector [PID]) screening methods during invasive excavation work for installation of stormwater conveyance piping. No evidence of soil impacts was observed including no discernable odor or staining and PID field readings were 0.0 parts per million (ppm). Approximately 30 cubic yards of excavated soils were segregated based on the trench proximity to prior facility uses and previous environmental data in the area and stockpiled in the southeastern portion of the Site (see **Figure 1**). Soil was visibly free of regulated solid waste such as construction and demolition debris, slag, ash, and/ or cinders. Soil material was stockpiled on polyethylene sheeting surrounded by continuous berms. The stockpile was kept covered, with anchored polypropylene sheeting pending analytical results of waste characterization soil sampling.

One (1) five-point composite sample, WC-01_08012023, was obtained from the stockpile of soil and submitted to York Analytical Laboratory (York) in Stratford, Connecticut for waste characterization analyses in accordance with the NYSDEC-approved EWP. Sample analyses consisted of the following compounds:

- NYSDEC Part 375 Target Compound List (TCL) volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) using United States Environmental Protection Agency (USEPA) Methods 8260 and 8270, respectively;
- TCL Pesticides using USEPA Method 8081;
- Polychlorinated biphenyls (PCBs) using USPEA Method 8082; and,
- Resource Conservation and Recovery Act (RCRA) metals using USEPA Method 6010 and 7473.

Laboratory analytical results were compared to NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (SCOs). Results for compounds analyzed were generally non-detect, below laboratory method detection limits (MDLs), or did not exceed their respective Unrestricted Use SCOs. Waste characterization sample results are summarized in **Table 1**. Laboratory reports are included in **Appendix A**.

CAMP Monitoring Results

A LaBella environmental profession implemented a CAMP during the soil disturbing activities on August 1, 2023, consistent the NYSDEC-approved EWP to monitor action levels listed in the CAMP for volatile organic compounds (VOCs) and particulate matter (PM). LaBella's CAMP monitoring consisted of establishing three on-site monitoring stations in the project area that were situated in the southeastern portion of the Site, west of the Hudson River: one at the upwind perimeter, one within the work zone, and one at the downwind perimeter. Each station consisted of a RAE Systems ppbRAE 3000 photo-ionization detector (PID) and a TSI Model 8530 DustTrak II particulate detector, housed in a Pelican case mounted on an aluminum tripod with the intakes positioned in the breathing zone (approximately 4 to 5 feet above grade). Each instrument was calibrated, operated continuously throughout the workday, and was programmed to log and report 15-minute time-weighted average (TWA) data. Stations were checked periodically to ensure proper operation. Refer to attached **Figure 1** for CAMP station locations.

Meteorological data during intrusive Site work was recorded and included in table below:

Temperature	Humidity	Wind	Wind Speed	Pressure	Precipitation	Condition
66 to 75 °F	40 to 82 %	E-NE	5 to 15 mph	29.53 in	0.0 in	Fair to Mostly Cloudy

Recorded data for particulates and VOCs have been summarized in the table below. Action levels were 5 parts per million (ppm) above background for 15-minute average VOC readings and 100 mcg/m3 (0.100 mg/m3) above background for 15-minute average particulate readings. Particulate and VOC concentrations were consistently less than the Action Levels throughout the duration of intrusive soil disturbance. No exceedances of the established action limits for VOCs or particulates were recorded during this CAMP monitoring period. Summarized CAMP data is summarized in the table below and the raw data are provided in **Appendix B**.

CAMP Daily Averages (Particulate and VOCs)

Station/ Location	CAMP-1 (upwind)				CAMP-2 (workzone)				CAMP-3 (downwind)			
Date	Particulate (mg/m^3)		VOCs (ppm)		Particulate (mg/m^3)		VOCs (ppm)		Particulate (mg/m^3)		VOCs (ppm)	
	Daily Avg.	Max TWA Avg.	Daily Avg.	Max TWA Avg.	Daily Avg.	Max TWA Avg.	Daily Avg.	Max TWA Avg.	Daily Avg.	Max TWA Avg.	Daily Avg.	Max TWA Avg.
8/1/2023	0.009	0.062	0.4	0.5	0.004	0.048	0.1	0.2	0.016	0.076	0.0	0.0

Conclusions and Recommendations

During intrusive Site work performed on August 1, 2023, LaBella conducted excavation oversight and sampling that included implementation of a CAMP during the intrusive soil activities at the Site; soil screening during excavation into potentially contaminated material; and collection of one (1) waste characterization soil sample for analyses required by prospective disposal facility and NYSDEC for on-Site reuse.

Field observations did not identify evidence of petroleum-impacted soil, CAMP readings were less than the action levels, and the laboratory analytical results for the waste characterization soil sample indicate that excavated soils meet the 6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives. These results indicate that the stockpiled soil can be reused on-Site if acceptable to Client.

LaBella is not aware of any additional intrusive Site activities planned at the Site that could disturb the fill material and soil, however, if any additional intrusive Site activities are proposed, LaBella should be contacted immediately and any soil material shall also be properly managed in accordance with the EWP, with reporting to NYSDEC as warranted.

LaBella recommends that Danskammer submit a copy of this report to NYSDEC with a request to reuse soil on the Site.

Limitations

The information presented herein summarizes the activities in the project Site areas. The data and conclusions represent those portions of the Site analyzed as of the date of the fieldwork, and they are not relevant to any other portions of this Site or any other property. LaBella also cannot be held accountable for activities or events that may have affected the distribution of detected compounds after the date of the fieldwork.

The scope of work for this project is based on generally accepted practices and established protocols and the NYSDEC-approved Excavation Work Plan dated June 1, 2021. The findings and conclusions are, therefore, properly considered probabilities based on professional judgment and available Site data, but do not constitute absolute certainty that all possible compounds have now been identified on this Site.

We appreciate the opportunity to serve your professional environmental consulting needs. Please feel free to contact me at (518) 266-7355 or Arlette St. Romain at (518) 824-1928 if you have any questions regarding this report.

Respectfully submitted,

LaBella Associates, D.P.C.

Branson Fields - Environmental Scientist

CC: Arlette St. Romain, LaBella Associates

Attachments:

Figure 1 – Site Features
Table 1 - Waste Characterization Analytical Results Summary - Soil
Appendix A – Laboratory Analytical Report
Appendix B – Raw CAMP Data (VOC and PM)

FIGURE

Creator: BWF

PROJECT # / DRAWING # / DATE:	DRAWING NAME:	PROJECT:	
CZ41440.02 **Figure 1** 8/18/2023	Site Features and CAMP Location Map August 1, 2023	Danskammer Energy, LLC 994 River Road Town of Newburgh Orange County, New York	N 0 100 200 Feet 1 inch = 200 feet LaBella Powered by partnership.

Data Source: NYSDOT 2019; USGS 2020; LaBella 2021.

TABLE

Table 1
Waste Characterization Analytical Results Summary - Soil
Danskammer Energy
994 River Road, Newburgh, New York
LaBella Project No. CZ41440.02

Sample ID York Laboratory ID Sampling Date/Time Client Matrix	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	WC-01_080123 23H0128-01 8/1/2023 1:30:00 PM Soil-Waste Characterization	
Compound		Result	Q
Volatile Organics, 8260 - Comprehensive	mg/Kg	mg/Kg	
1,1,1,2-Tetrachloroethane	~	0.0022	U
1,1,1-Trichloroethane	0.68	0.0022	U
1,1,2,2-Tetrachloroethane	~	0.0022	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	~	0.0022	U
1,1,2-Trichloroethane	~	0.0022	U
1,1-Dichloroethane	0.27	0.0022	U
1,1-Dichloroethylene	0.33	0.0022	U
1,2,3-Trichlorobenzene	~	0.0022	U
1,2,3-Trichloropropane	~	0.0022	U
1,2,4-Trichlorobenzene	~	0.0022	U
1,2,4-Trimethylbenzene	3.6	0.0022	U
1,2-Dibromo-3-chloropropane	~	0.0022	U
1,2-Dibromoethane	~	0.0022	U
1,2-Dichlorobenzene	1.1	0.0022	U
1,2-Dichloroethane	0.02	0.0022	U
1,2-Dichloropropane	~	0.0022	U
1,3,5-Trimethylbenzene	8.4	0.0022	U
1,3-Dichlorobenzene	2.4	0.0022	U
1,4-Dichlorobenzene	1.8	0.0022	U
1,4-Dioxane	0.1	0.045	U
2-Butanone	0.12	0.0022	U
2-Hexanone	~	0.0022	U
4-Methyl-2-pentanone	~	0.0022	U
Acetone	0.05	0.02	
Acrolein	~	0.0045	U
Acrylonitrile	~	0.0022	U
Benzene	0.06	0.0022	U
Bromochloromethane	~	0.0022	U
Bromodichloromethane	~	0.0022	U
Bromoform	~	0.0022	U
Bromomethane	~	0.0022	U
Carbon disulfide	~	0.0022	U
Carbon tetrachloride	0.76	0.0022	U
Chlorobenzene	1.1	0.0022	U
Chloroethane	~	0.0022	U
Chloroform	0.37	0.0022	U
Chloromethane	~	0.0022	U
cis-1,2-Dichloroethylene	0.25	0.0022	U
cis-1,3-Dichloropropylene	~	0.0022	U
Cyclohexane	~	0.0022	U
Dibromochloromethane	~	0.0022	U
Dibromomethane	~	0.0022	U
Dichlorodifluoromethane	~	0.0022	U
Ethyl Benzene	1	0.0022	U
Hexachlorobutadiene	~	0.0022	U
Isopropylbenzene	~	0.0022	U
Methyl acetate	~	0.0022	U
Methyl tert-butyl ether (MTBE)	0.93	0.0022	U
Methylcyclohexane	~	0.0022	U
Methylene chloride	0.05	0.0045	U
n-Butylbenzene	12	0.0022	U
n-Propylbenzene	3.9	0.0022	U
o-Xylene	~	0.0022	U
p- & m- Xylenes	~	0.0045	U
p-Isopropyltoluene	~	0.0022	U
sec-Butylbenzene	11	0.0022	U
Styrene	~	0.0022	U
tert-Butyl alcohol (TBA)	~	0.0022	U
tert-Butylbenzene	5.9	0.0022	U
Tetrachloroethylene	1.3	0.0022	U
Toluene	0.7	0.0022	U
trans-1,2-Dichloroethylene	0.19	0.0022	U
trans-1,3-Dichloropropylene	~	0.0022	U
trans-1,4-dichloro-2-butene	~	0.0022	U
Trichloroethylene	0.47	0.0022	U
Trichlorofluoromethane	~	0.0022	U
Vinyl Chloride	0.02	0.0022	U
Xylenes, Total	0.26	0.0067	U

Table 1
Waste Characterization Analytical Results Summary - Soil
Danskammer Energy
994 River Road, Newburgh, New York
LaBella Project No. CZ41440.02

Semi-Volatiles, 8270 - Comprehensive	mg/Kg	mg/Kg	
1,1-Biphenyl	~	0.0446	U
1,2,4,5-Tetrachlorobenzene	~	0.0890	U
1,2,4-Trichlorobenzene	~	0.0446	U
1,2-Dichlorobenzene	1.1	0.0446	U
1,2-Diphenylhydrazine (as Azobenzene)	~	0.0446	U
1,3-Dichlorobenzene	2.4	0.0446	U
1,4-Dichlorobenzene	1.8	0.0446	U
2,3,4,6-Tetrachlorophenol	~	0.0890	U
2,4,5-Trichlorophenol	~	0.0446	U
2,4,6-Trichlorophenol	~	0.0446	U
2,4-Dichlorophenol	~	0.0446	U
2,4-Dimethylphenol	~	0.0446	U
2,4-Dinitrophenol	~	0.0890	U
2,4-Dinitrotoluene	~	0.0446	U
2,6-Dinitrotoluene	~	0.0446	U
2-Chloronaphthalene	~	0.0446	U
2-Chlorophenol	~	0.0446	U
2-Methylnaphthalene	~	0.0840	J
2-Methylphenol	0.33	0.0446	U
2-Nitroaniline	~	0.0890	U
2-Nitrophenol	~	0.0446	U
3- & 4-Methylphenols	0.33	0.0446	U
3,3-Dichlorobenzidine	~	0.0446	U
3-Nitroaniline	~	0.0890	U
4,6-Dinitro-2-methylphenol	~	0.0890	U
4-Bromophenyl phenyl ether	~	0.0446	U
4-Chloro-3-methylphenol	~	0.0446	U
4-Chloroaniline	~	0.0446	U
4-Chlorophenyl phenyl ether	~	0.0446	U
4-Nitroaniline	~	0.0890	U
4-Nitrophenol	~	0.0890	U
Acenaphthene	20	0.0446	U
Acenaphthylene	100	0.0446	U
Acetophenone	~	0.0446	U
Aniline	~	0.178	U
Anthracene	100	0.0446	U
Atrazine	~	0.0446	U
Benzaldehyde	~	0.0446	U
Benzidine	~	0.178	U
Benzo(a)anthracene	1	0.0583	J
Benzo(a)pyrene	1	0.0598	J
Benzo(b)fluoranthene	1	0.0527	J
Benzo(g,h,i)perylene	100	0.0462	J
Benzo(k)fluoranthene	0.8	0.0519	J
Benzoic acid	~	0.0446	U
Benzyl alcohol	~	0.0446	U
Benzyl butyl phthalate	~	0.0446	U
Bis(2-chloroethoxy)methane	~	0.0446	U
Bis(2-chloroethyl)ether	~	0.0446	U
Bis(2-chloroisopropyl)ether	~	0.0446	U
Bis(2-ethylhexyl)phthalate	~	0.0446	U
Caprolactam	~	0.0890	U
Carbazole	~	0.0446	U
Chrysene	1	0.0875	J
Dibenzo(a,h)anthracene	0.33	0.0446	U
Dibenzofuran	7	0.0446	U
Diethyl phthalate	~	0.0446	U
Dimethyl phthalate	~	0.0446	U
Di-n-butyl phthalate	~	0.0446	U
Di-n-octyl phthalate	~	0.0446	U
Diphenylamine	~	0.0890	U
Fluoranthene	100	0.117	
Fluorene	30	0.0446	U
Hexachlorobenzene	0.33	0.0446	U
Hexachlorobutadiene	~	0.0446	U
Hexachlorocyclopentadiene	~	0.0446	U
Hexachloroethane	~	0.0446	U
Indeno(1,2,3-cd)pyrene	0.5	0.0446	U
Isophorone	~	0.0446	U
Naphthalene	12	0.393	B
Nitrobenzene	~	0.0446	U
N-Nitrosodimethylamine	~	0.0446	U
N-nitroso-di-n-propylamine	~	0.0446	U
N-Nitrosodiphenylamine	~	0.0446	U
Pentachlorophenol	0.8	0.0446	U
Phenanthrene	100	0.0996	
Phenol	0.33	0.0446	U
Pyrene	100	0.170	

Table 1
Waste Characterization Analytical Results Summary - Soil
Danskammer Energy
994 River Road, Newburgh, New York
LaBella Project No. CZ41440.02

Pesticides, 8081	mg/Kg	mg/Kg	
4,4'-DDD	0.0033	0.00164	UP
4,4'-DDE	0.0033	0.00164	U
4,4'-DDT	0.0033	0.00164	U
Aldrin	0.005	0.00164	U
alpha-BHC	0.02	0.00164	U
alpha-Chlordane	0.094	0.00164	U
beta-BHC	0.036	0.00164	U
Chlordane, total	~	0.0329	U
delta-BHC	0.04	0.00164	U
Dieldrin	0.005	0.00164	U
Endosulfan I	2.4	0.00164	U
Endosulfan II	2.4	0.00164	U
Endosulfan sulfate	2.4	0.00164	U
Endrin	0.014	0.00164	U
Endrin aldehyde	~	0.00164	U
Endrin ketone	~	0.00164	U
gamma-BHC (Lindane)	0.1	0.00164	U
gamma-Chlordane	~	0.00164	U
Heptachlor	0.042	0.00164	U
Heptachlor epoxide	~	0.00164	U
Methoxychlor	~	0.00822	U
Toxaphene	~	0.0832	U
Metals, RCRA by 6010	mg/Kg	mg/Kg	
Arsenic	13	7.92	
Barium	350	43.5	
Cadmium	2.5	0.223	U
Chromium	~	8.16	
Lead	63	12.8	B
Selenium	3.9	3.8	
Silver	2	0.375	U
Mercury	0.18	0.0508	
Polychlorinated Biphenyls (PCB) by 8082	mg/Kg	mg/Kg	
Aroclor 1016	~	0.0178	U
Aroclor 1221	~	0.0178	U
Aroclor 1232	~	0.0178	U
Aroclor 1242	~	0.0178	U
Aroclor 1248	~	0.0178	U
Aroclor 1254	~	0.0178	U
Aroclor 1260	~	0.0178	U
Total PCBs	0.1	0.0178	U
Total Solids		%	
% Solids	~	93.4	

Notes:
Exceedances of NYSDEC Part 375-6 soil cleanup objectives (SCOs) are formatted consistent with the SCO column headers.
mg/kg= millgrams per kilogram or parts per million (ppm)
~ = Indicates that no regulatory limit has been established for this analyte.
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

APPENDIX A – Laboratory Analytical Report

Technical Report

prepared for:

LaBella Associates (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Report Date: 08/10/2023
Client Project ID: CZ41440.02 Danskammer
York Project (SDG) No.: 23H0128

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/10/2023
Client Project ID: CZ41440.02 Danskammer
York Project (SDG) No.: 23H0128

LaBella Associates (Poughkeepsie)
21 Fox Street
Poughkeepsie NY, 12601
Attention: Branson Fields

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on August 02, 2023 and listed below. The project was identified as your project: **CZ41440.02 Danskammer**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23H0128-01	WC-01_080123	Soil	08/01/2023	08/02/2023

General Notes for York Project (SDG) No.: 23H0128

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By: Cassie L. Mosher **Date:** 08/10/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.089	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
67-64-1	**Acetone**	**0.020**		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA	BMT
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	BMT
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	BMT

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0089	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0045	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D Certifications:	08/07/2023 09:00	08/07/2023 19:16	BMT CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*98.5 %*			*77-125*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*			*85-120*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.7 %*			*76-130*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,PADEP	08/08/2023 19:50	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,PADEP	08/08/2023 19:50	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,PADEP	08/08/2023 19:50	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
91-57-6	**2-Methylnaphthalene**	**0.0840**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
100-02-7	4-Nitrophenol	ND	CCVE	mg/kg dry	0.0890	0.178	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
120-12-7	Anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,PADEP	08/08/2023 19:50	KH
56-55-3	**Benzo(a)anthracene**	**0.0583**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
50-32-8	**Benzo(a)pyrene**	**0.0598**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
205-99-2	**Benzo(b)fluoranthene**	**0.0527**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0462**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0519**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0875**	J	mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0890	0.178	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.117**		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D	08/05/2023 16:32	08/08/2023 19:50	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
91-20-3	**Naphthalene**	**0.393**	B	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
85-01-8	**Phenanthrene**	**0.0996**		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH
129-00-0	**Pyrene**	**0.170**		mg/kg dry	0.0446	0.0890	2	EPA 8270D Certifications:	08/05/2023 16:32 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 19:50	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*48.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*61.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.0 %*	*24-116*

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	P	mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
309-00-2	Aldrin	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
319-84-6	alpha-BHC	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
319-85-7	beta-BHC	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
57-74-9	Chlordane, total	ND		mg/kg dry	0.0329	0.0329	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
319-86-8	delta-BHC	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
60-57-1	Dieldrin	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
959-98-8	Endosulfan I	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,PADEP	08/09/2023 00:21	BCJ
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
72-20-8	Endrin	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
76-44-8	Heptachlor	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00164	0.00164	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
72-43-5	Methoxychlor	ND		mg/kg dry	0.00822	0.00822	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ
8001-35-2	Toxaphene	ND		mg/kg dry	0.0832	0.0832	5	EPA 8081B Certifications:	08/07/2023 08:24 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 00:21	BCJ

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*111 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.7 %*	*30-150*

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	08/07/2023 08:24	08/09/2023 04:22	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.5 %*	*30-140*

Metals, RCRA

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	**Arsenic**	**7.92**		mg/kg dry	1.12	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.5**		mg/kg dry	1.86	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.223	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.16**		mg/kg dry	0.372	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**12.8**	B	mg/kg dry	0.372	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.80**		mg/kg dry	1.86	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.375	1	EPA 6010D	08/07/2023 14:11	08/10/2023 13:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: WC-01_080123 **York Sample ID:** 23H0128-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0128	CZ41440.02 Danskammer	Soil	August 1, 2023 1:30 pm	08/02/2023

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0508**		mg/kg dry	0.0321	1	EPA 7473	08/09/2023 13:19	08/10/2023 09:14	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.4**		%	0.100	1	SM 2540G	08/06/2023 07:32	08/06/2023 13:30	sgs
							Certifications:	CTDOH-PH-0723		

Analytical Batch Summary

Batch ID: BH30357 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/05/23
BH30357-BLK1	Blank	08/05/23
BH30357-BS1	LCS	08/05/23
BH30357-MS1	Matrix Spike	08/05/23
BH30357-MSD1	Matrix Spike Dup	08/05/23

Batch ID: BH30360 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/06/23
BH30360-DUP1	Duplicate	08/06/23

Batch ID: BH30372 **Preparation Method:** EPA 5035A **Prepared By:** SS

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/07/23
BH30372-BLK1	Blank	08/07/23
BH30372-BLK2	Blank	08/07/23
BH30372-BS1	LCS	08/07/23
BH30372-BSD1	LCS Dup	08/07/23

Batch ID: BH30383 **Preparation Method:** EPA 3550C **Prepared By:** VMM

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/07/23
23H0128-01	WC-01_080123	08/07/23
BH30383-BLK1	Blank	08/07/23
BH30383-BLK2	Blank	08/07/23
BH30383-BS1	LCS	08/07/23
BH30383-BS2	LCS	08/07/23
BH30383-MS1	Matrix Spike	08/07/23
BH30383-MS2	Matrix Spike	08/07/23
BH30383-MSD1	Matrix Spike Dup	08/07/23
BH30383-MSD2	Matrix Spike Dup	08/07/23

Batch ID: BH30428 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/07/23
BH30428-BLK1	Blank	08/07/23
BH30428-DUP1	Duplicate	08/07/23
BH30428-MS1	Matrix Spike	08/07/23
BH30428-PS1	Post Spike	08/07/23

BH30428-SRM1	Reference	08/07/23

Batch ID: BH30604 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
23H0128-01	WC-01_080123	08/09/23
BH30604-BLK1	Blank	08/09/23
BH30604-DUP1	Duplicate	08/09/23
BH30604-MS1	Matrix Spike	08/09/23
BH30604-SRM1	Reference	08/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
Blank (BH30372-BLK1)									Prepared & Analyzed: 08/07/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
Blank (BH30372-BLK1)									Prepared & Analyzed: 08/07/2023		
Methylene chloride	ND	0.010	mg/kg wet								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.5*		*ug/L*	*50.0*		*99.0*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.6*	*76-130*				
Blank (BH30372-BLK2)									Prepared & Analyzed: 08/07/2023		
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	10	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	1.0	"								
Acrolein	ND	1.0	"								
Acrylonitrile	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
Blank (BH30372-BLK2)									Prepared & Analyzed: 08/07/2023		
Benzene	ND	0.50	mg/kg wet								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*ug/L*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.3*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
LCS (BH30372-BS1)							Prepared & Analyzed: 08/07/2023				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.6	75-129				
1,1,1-Trichloroethane	48		"	50.0		96.2	71-137				
1,1,2,2-Tetrachloroethane	49		"	50.0		98.3	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		95.7	58-146				
1,1,2-Trichloroethane	47		"	50.0		93.9	83-123				
1,1-Dichloroethane	44		"	50.0		88.5	75-130				
1,1-Dichloroethylene	44		"	50.0		89.0	64-137				
1,2,3-Trichlorobenzene	45		"	50.0		90.9	81-140				
1,2,3-Trichloropropane	48		"	50.0		96.5	81-126				
1,2,4-Trichlorobenzene	45		"	50.0		89.0	80-141				
1,2,4-Trimethylbenzene	48		"	50.0		96.4	84-125				
1,2-Dibromo-3-chloropropane	49		"	50.0		97.2	74-142				
1,2-Dibromoethane	49		"	50.0		97.1	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.3	85-122				
1,2-Dichloroethane	47		"	50.0		93.4	71-133				
1,2-Dichloropropane	48		"	50.0		95.1	81-122				
1,3,5-Trimethylbenzene	48		"	50.0		95.6	82-126				
1,3-Dichlorobenzene	47		"	50.0		94.5	84-124				
1,4-Dichlorobenzene	47		"	50.0		93.2	84-124				
1,4-Dioxane	1900		"	1050		183	10-228				
2-Butanone	43		"	50.0		85.3	58-147				
2-Hexanone	45		"	50.0		90.2	70-139				
4-Methyl-2-pentanone	47		"	50.0		94.7	72-132				
Acetone	33		"	50.0		66.9	36-155				
Acrolein	29		"	125		23.6	10-238				
Acrylonitrile	47		"	50.0		93.9	66-141				
Benzene	47		"	50.0		94.9	77-127				
Bromochloromethane	45		"	50.0		90.7	74-129				
Bromodichloromethane	47		"	50.0		94.0	81-124				
Bromoform	51		"	50.0		103	80-136				
Bromomethane	46		"	50.0		91.8	32-177				
Carbon disulfide	43		"	50.0		86.9	10-136				
Carbon tetrachloride	49		"	50.0		97.7	66-143				
Chlorobenzene	50		"	50.0		100	86-120				
Chloroethane	48		"	50.0		96.3	51-142				
Chloroform	47		"	50.0		93.5	76-131				
Chloromethane	48		"	50.0		96.7	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		90.8	74-132				
cis-1,3-Dichloropropylene	47		"	50.0		93.2	81-129				
Cyclohexane	47		"	50.0		93.7	70-130				
Dibromochloromethane	49		"	50.0		97.4	10-200				
Dibromomethane	47		"	50.0		93.3	83-124				
Dichlorodifluoromethane	48		"	50.0		96.0	28-158				
Ethyl Benzene	49		"	50.0		97.5	84-125				
Hexachlorobutadiene	48		"	50.0		96.0	83-133				
Isopropylbenzene	50		"	50.0		99.5	81-127				
Methyl acetate	42		"	50.0		84.6	41-143				
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.5	74-131				
Methylcyclohexane	48		"	50.0		95.8	70-130				
Methylene chloride	45		"	50.0		90.4	57-141				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
LCS (BH30372-BS1)							Prepared & Analyzed: 08/07/2023				
n-Butylbenzene	48		ug/L	50.0		95.9	80-130				
n-Propylbenzene	49		"	50.0		98.6	74-136				
o-Xylene	49		"	50.0		97.1	83-123				
p- & m- Xylenes	99		"	100		99.1	82-128				
p-Isopropyltoluene	49		"	50.0		97.4	85-125				
sec-Butylbenzene	50		"	50.0		100	83-125				
Styrene	49		"	50.0		97.6	86-126				
tert-Butyl alcohol (TBA)	230		"	250		93.9	70-130				
tert-Butylbenzene	50		"	50.0		99.9	80-127				
Tetrachloroethylene	41		"	50.0		82.3	80-129				
Toluene	48		"	50.0		95.9	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		90.5	72-132				
trans-1,3-Dichloropropylene	46		"	50.0		93.0	78-132				
trans-1,4-dichloro-2-butene	49		"	50.0		98.5	75-135				
Trichloroethylene	48		"	50.0		95.1	84-123				
Trichlorofluoromethane	50		"	50.0		99.6	62-140				
Vinyl Chloride	47		"	50.0		93.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.3*		*"*	*50.0*		*98.6*	*76-130*				
LCS Dup (BH30372-BSD1)							Prepared & Analyzed: 08/07/2023				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.7	75-129		2.99	30	
1,1,1-Trichloroethane	46		"	50.0		91.9	71-137		4.57	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.5	79-129		2.91	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.5	58-146		5.58	30	
1,1,2-Trichloroethane	46		"	50.0		92.2	83-123		1.89	30	
1,1-Dichloroethane	43		"	50.0		85.7	75-130		3.28	30	
1,1-Dichloroethylene	42		"	50.0		84.5	64-137		5.14	30	
1,2,3-Trichlorobenzene	45		"	50.0		90.9	81-140		0.0220	30	
1,2,3-Trichloropropane	47		"	50.0		94.0	81-126		2.62	30	
1,2,4-Trichlorobenzene	45		"	50.0		89.7	80-141		0.783	30	
1,2,4-Trimethylbenzene	47		"	50.0		93.8	84-125		2.69	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		93.7	74-142		3.71	30	
1,2-Dibromoethane	47		"	50.0		94.9	86-123		2.25	30	
1,2-Dichlorobenzene	47		"	50.0		93.8	85-122		1.50	30	
1,2-Dichloroethane	46		"	50.0		91.9	71-133		1.60	30	
1,2-Dichloropropane	47		"	50.0		93.4	81-122		1.82	30	
1,3,5-Trimethylbenzene	46		"	50.0		92.4	82-126		3.42	30	
1,3-Dichlorobenzene	47		"	50.0		93.6	84-124		0.957	30	
1,4-Dichlorobenzene	46		"	50.0		92.0	84-124		1.25	30	
1,4-Dioxane	1900		"	1050		182	10-228		0.677	30	
2-Butanone	41		"	50.0		82.9	58-147		2.81	30	
2-Hexanone	44		"	50.0		88.4	70-139		1.97	30	
4-Methyl-2-pentanone	47		"	50.0		93.1	72-132		1.68	30	
Acetone	32		"	50.0		64.3	36-155		3.99	30	
Acrolein	29		"	125		23.1	10-238		1.89	30	
Acrylonitrile	46		"	50.0		91.1	66-141		2.98	30	
Benzene	46		"	50.0		91.9	77-127		3.19	30	
Bromochloromethane	45		"	50.0		89.2	74-129		1.67	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30372 - EPA 5035A											
LCS Dup (BH30372-BSD1)								Prepared & Analyzed: 08/07/2023			
Bromodichloromethane	46		ug/L	50.0		92.3	81-124		1.80	30	
Bromoform	50		"	50.0		101	80-136		1.92	30	
Bromomethane	44		"	50.0		88.5	32-177		3.68	30	
Carbon disulfide	41		"	50.0		83.0	10-136		4.64	30	
Carbon tetrachloride	46		"	50.0		92.2	66-143		5.73	30	
Chlorobenzene	49		"	50.0		98.1	86-120		1.94	30	
Chloroethane	47		"	50.0		94.4	51-142		2.01	30	
Chloroform	46		"	50.0		91.1	76-131		2.58	30	
Chloromethane	47		"	50.0		93.0	49-132		3.86	30	
cis-1,2-Dichloroethylene	44		"	50.0		88.5	74-132		2.54	30	
cis-1,3-Dichloropropylene	46		"	50.0		91.1	81-129		2.24	30	
Cyclohexane	44		"	50.0		88.9	70-130		5.24	30	
Dibromochloromethane	48		"	50.0		95.6	10-200		1.80	30	
Dibromomethane	46		"	50.0		91.6	83-124		1.82	30	
Dichlorodifluoromethane	46		"	50.0		91.0	28-158		5.28	30	
Ethyl Benzene	47		"	50.0		94.3	84-125		3.34	30	
Hexachlorobutadiene	45		"	50.0		90.3	83-133		6.12	30	
Isopropylbenzene	48		"	50.0		95.1	81-127		4.58	30	
Methyl acetate	42		"	50.0		85.0	41-143		0.401	30	
Methyl tert-butyl ether (MTBE)	45		"	50.0		89.1	74-131		1.63	30	
Methylcyclohexane	45		"	50.0		91.0	70-130		5.14	30	
Methylene chloride	44		"	50.0		88.2	57-141		2.49	30	
n-Butylbenzene	47		"	50.0		93.0	80-130		3.01	30	
n-Propylbenzene	47		"	50.0		95.0	74-136		3.70	30	
o-Xylene	47		"	50.0		94.7	83-123		2.57	30	
p- & m- Xylenes	96		"	100		96.2	82-128		3.02	30	
p-Isopropyltoluene	47		"	50.0		93.8	85-125		3.79	30	
sec-Butylbenzene	48		"	50.0		96.0	83-125		4.54	30	
Styrene	48		"	50.0		96.1	86-126		1.57	30	
tert-Butyl alcohol (TBA)	230		"	250		91.8	70-130		2.27	30	
tert-Butylbenzene	48		"	50.0		95.2	80-127		4.82	30	
Tetrachloroethylene	40		"	50.0		79.7	80-129	Low Bias	3.28	30	
Toluene	46		"	50.0		93.0	85-121		3.05	30	
trans-1,2-Dichloroethylene	44		"	50.0		87.1	72-132		3.81	30	
trans-1,3-Dichloropropylene	45		"	50.0		90.9	78-132		2.26	30	
trans-1,4-dichloro-2-butene	48		"	50.0		95.7	75-135		2.86	30	
Trichloroethylene	46		"	50.0		91.7	84-123		3.60	30	
Trichlorofluoromethane	48		"	50.0		96.7	62-140		2.89	30	
Vinyl Chloride	46		"	50.0		92.7	52-130		1.01	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.7*		*"*	*50.0*		*99.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.2*		*"*	*50.0*		*98.3*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Blank (BH30357-BLK1)											
1,1-Biphenyl	ND	0.0410	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0819	"								
1,2,4-Trichlorobenzene	ND	0.0410	"								
1,2-Dichlorobenzene	ND	0.0410	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0410	"								
1,3-Dichlorobenzene	ND	0.0410	"								
1,4-Dichlorobenzene	ND	0.0410	"								
2,3,4,6-Tetrachlorophenol	ND	0.0819	"								
2,4,5-Trichlorophenol	ND	0.0410	"								
2,4,6-Trichlorophenol	ND	0.0410	"								
2,4-Dichlorophenol	ND	0.0410	"								
2,4-Dimethylphenol	ND	0.0410	"								
2,4-Dinitrophenol	ND	0.0819	"								
2,4-Dinitrotoluene	ND	0.0410	"								
2,6-Dinitrotoluene	ND	0.0410	"								
2-Chloronaphthalene	ND	0.0410	"								
2-Chlorophenol	ND	0.0410	"								
2-Methylnaphthalene	ND	0.0410	"								
2-Methylphenol	ND	0.0410	"								
2-Nitroaniline	ND	0.0819	"								
2-Nitrophenol	ND	0.0410	"								
3- & 4-Methylphenols	ND	0.0410	"								
3,3-Dichlorobenzidine	ND	0.0410	"								
3-Nitroaniline	ND	0.0819	"								
4,6-Dinitro-2-methylphenol	ND	0.0819	"								
4-Bromophenyl phenyl ether	ND	0.0410	"								
4-Chloro-3-methylphenol	ND	0.0410	"								
4-Chloroaniline	ND	0.0410	"								
4-Chlorophenyl phenyl ether	ND	0.0410	"								
4-Nitroaniline	ND	0.0819	"								
4-Nitrophenol	ND	0.0819	"								
Acenaphthene	ND	0.0410	"								
Acenaphthylene	ND	0.0410	"								
Acetophenone	ND	0.0410	"								
Aniline	ND	0.164	"								
Anthracene	ND	0.0410	"								
Atrazine	ND	0.0410	"								
Benzaldehyde	ND	0.0410	"								
Benzidine	ND	0.164	"								
Benzo(a)anthracene	ND	0.0410	"								
Benzo(a)pyrene	ND	0.0410	"								
Benzo(b)fluoranthene	ND	0.0410	"								
Benzo(g,h,i)perylene	ND	0.0410	"								
Benzo(k)fluoranthene	ND	0.0410	"								
Benzoic acid	ND	0.0410	"								
Benzyl alcohol	ND	0.0410	"								
Benzyl butyl phthalate	ND	0.0410	"								
Bis(2-chloroethoxy)methane	ND	0.0410	"								
Bis(2-chloroethyl)ether	ND	0.0410	"								
Bis(2-chloroisopropyl)ether	ND	0.0410	"								
Bis(2-ethylhexyl)phthalate	ND	0.0410	"								

Prepared: 08/05/2023 Analyzed: 08/07/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Blank (BH30357-BLK1)											
Caprolactam	ND	0.0819	mg/kg wet								
Carbazole	ND	0.0410	"								
Chrysene	ND	0.0410	"								
Dibenzo(a,h)anthracene	ND	0.0410	"								
Dibenzofuran	ND	0.0410	"								
Diethyl phthalate	ND	0.0410	"								
Dimethyl phthalate	ND	0.0410	"								
Di-n-butyl phthalate	ND	0.0410	"								
Di-n-octyl phthalate	ND	0.0410	"								
Diphenylamine	ND	0.0819	"								
Fluoranthene	ND	0.0410	"								
Fluorene	ND	0.0410	"								
Hexachlorobenzene	ND	0.0410	"								
Hexachlorobutadiene	ND	0.0410	"								
Hexachlorocyclopentadiene	ND	0.0410	"								
Hexachloroethane	ND	0.0410	"								
Indeno(1,2,3-cd)pyrene	ND	0.0410	"								
Isophorone	ND	0.0410	"								
Naphthalene	0.0551	0.0410	"								
Nitrobenzene	ND	0.0410	"								
N-Nitrosodimethylamine	ND	0.0410	"								
N-nitroso-di-n-propylamine	ND	0.0410	"								
N-Nitrosodiphenylamine	ND	0.0410	"								
Pentachlorophenol	ND	0.0410	"								
Phenanthrene	ND	0.0410	"								
Phenol	ND	0.0410	"								
Pyrene	ND	0.0410	"								
Surrogate: SURR: 2-Fluorophenol	*1.40*		"	*1.64*		*85.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.28*		"	*1.64*		*78.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.825*		"	*0.820*		*101*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.722*		"	*0.820*		*88.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.44*		"	*1.64*		*88.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.747*		"	*0.820*		*91.2*	*24-116*				

Prepared: 08/05/2023 Analyzed: 08/07/2023

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
LCS (BH30357-BS1)								Prepared: 08/05/2023 Analyzed: 08/07/2023			
1,1-Biphenyl	0.703	0.0410	mg/kg wet	0.820		85.7	18-111				
1,2,4,5-Tetrachlorobenzene	0.734	0.0819	"	0.820		89.5	21-131				
1,2,4-Trichlorobenzene	0.571	0.0410	"	0.820		69.7	10-140				
1,2-Dichlorobenzene	0.470	0.0410	"	0.820		57.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.397	0.0410	"	0.820		48.5	17-137				
1,3-Dichlorobenzene	0.475	0.0410	"	0.820		58.0	33-110				
1,4-Dichlorobenzene	0.470	0.0410	"	0.820		57.4	32-104				
2,3,4,6-Tetrachlorophenol	0.715	0.0819	"	0.820		87.2	30-130				
2,4,5-Trichlorophenol	0.600	0.0410	"	0.820		73.2	27-118				
2,4,6-Trichlorophenol	0.612	0.0410	"	0.820		74.6	31-120				
2,4-Dichlorophenol	0.585	0.0410	"	0.820		71.3	20-127				
2,4-Dimethylphenol	0.468	0.0410	"	0.820		57.1	14-132				
2,4-Dinitrophenol	1.06	0.0819	"	0.820		130	10-171				
2,4-Dinitrotoluene	0.767	0.0410	"	0.820		93.5	34-131				
2,6-Dinitrotoluene	0.717	0.0410	"	0.820		87.5	31-128				
2-Chloronaphthalene	0.522	0.0410	"	0.820		63.7	31-117				
2-Chlorophenol	0.511	0.0410	"	0.820		62.4	33-113				
2-Methylnaphthalene	0.502	0.0410	"	0.820		61.3	12-138				
2-Methylphenol	0.494	0.0410	"	0.820		60.2	10-136				
2-Nitroaniline	0.669	0.0819	"	0.820		81.6	27-132				
2-Nitrophenol	0.681	0.0410	"	0.820		83.1	17-129				
3- & 4-Methylphenols	0.435	0.0410	"	0.820		53.1	29-103				
3,3-Dichlorobenzidine	0.495	0.0410	"	0.820		60.4	22-149				
3-Nitroaniline	0.507	0.0819	"	0.820		61.8	20-133				
4,6-Dinitro-2-methylphenol	0.991	0.0819	"	0.820		121	10-143				
4-Bromophenyl phenyl ether	0.506	0.0410	"	0.820		61.7	29-120				
4-Chloro-3-methylphenol	0.563	0.0410	"	0.820		68.7	24-129				
4-Chloroaniline	0.368	0.0410	"	0.820		44.8	10-132				
4-Chlorophenyl phenyl ether	0.572	0.0410	"	0.820		69.8	27-124				
4-Nitroaniline	0.550	0.0819	"	0.820		67.1	16-128				
4-Nitrophenol	0.629	0.0819	"	0.820		76.7	10-141				
Acenaphthene	0.504	0.0410	"	0.820		61.4	30-121				
Acenaphthylene	0.489	0.0410	"	0.820		59.6	30-115				
Acetophenone	0.585	0.0410	"	0.820		71.3	20-112				
Aniline	0.322	0.164	"	0.820		39.2	10-119				
Anthracene	0.559	0.0410	"	0.820		68.2	34-118				
Atrazine	0.674	0.0410	"	0.820		82.2	26-112				
Benzaldehyde	0.584	0.0410	"	0.820		71.2	21-100				
Benzo(a)anthracene	0.598	0.0410	"	0.820		72.9	32-122				
Benzo(a)pyrene	0.521	0.0410	"	0.820		63.5	29-133				
Benzo(b)fluoranthene	0.548	0.0410	"	0.820		66.8	25-133				
Benzo(g,h,i)perylene	0.557	0.0410	"	0.820		68.0	10-143				
Benzo(k)fluoranthene	0.499	0.0410	"	0.820		60.8	25-128				
Benzoic acid	0.675	0.0410	"	0.820		82.3	10-140				
Benzyl alcohol	0.456	0.0410	"	0.820		55.6	30-115				
Benzyl butyl phthalate	0.745	0.0410	"	0.820		90.9	26-126				
Bis(2-chloroethoxy)methane	0.473	0.0410	"	0.820		57.7	19-132				
Bis(2-chloroethyl)ether	0.447	0.0410	"	0.820		54.5	19-125				
Bis(2-chloroisopropyl)ether	0.362	0.0410	"	0.820		44.2	20-135				
Bis(2-ethylhexyl)phthalate	0.667	0.0410	"	0.820		81.3	10-155				
Caprolactam	0.769	0.0819	"	0.820		93.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
LCS (BH30357-BS1)											
Prepared: 08/05/2023 Analyzed: 08/07/2023											
Carbazole	0.590	0.0410	mg/kg wet	0.820		72.0	35-123				
Chrysene	0.551	0.0410	"	0.820		67.2	32-123				
Dibenzo(a,h)anthracene	0.582	0.0410	"	0.820		71.0	10-136				
Dibenzofuran	0.535	0.0410	"	0.820		65.2	29-121				
Diethyl phthalate	0.581	0.0410	"	0.820		70.9	34-116				
Dimethyl phthalate	0.566	0.0410	"	0.820		69.0	35-124				
Di-n-butyl phthalate	0.679	0.0410	"	0.820		82.8	31-116				
Di-n-octyl phthalate	0.788	0.0410	"	0.820		96.2	26-136				
Diphenylamine	0.529	0.0819	"	0.820		64.6	40-140				
Fluoranthene	0.573	0.0410	"	0.820		69.9	33-122				
Fluorene	0.527	0.0410	"	0.820		64.2	29-123				
Hexachlorobenzene	0.498	0.0410	"	0.820		60.8	21-124				
Hexachlorobutadiene	0.600	0.0410	"	0.820		73.2	10-149				
Hexachlorocyclopentadiene	0.168	0.0410	"	0.820		20.5	10-129				
Hexachloroethane	0.491	0.0410	"	0.820		60.0	28-108				
Indeno(1,2,3-cd)pyrene	0.610	0.0410	"	0.820		74.4	10-135				
Isophorone	0.515	0.0410	"	0.820		62.9	20-132				
Naphthalene	0.596	0.0410	"	0.820		72.7	23-124				
Nitrobenzene	0.572	0.0410	"	0.820		69.8	13-132				
N-Nitrosodimethylamine	0.522	0.0410	"	0.820		63.7	11-129				
N-nitroso-di-n-propylamine	0.440	0.0410	"	0.820		53.7	24-119				
N-Nitrosodiphenylamine	0.525	0.0410	"	0.820		64.0	22-152				
Pentachlorophenol	0.485	0.0410	"	0.820		59.2	10-139				
Phenanthrene	0.534	0.0410	"	0.820		65.2	33-123				
Phenol	0.487	0.0410	"	0.820		59.4	23-115				
Pyrene	0.621	0.0410	"	0.820		75.8	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.38*		"	*1.64*		*84.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.24*		"	*1.64*		*75.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.768*		"	*0.820*		*93.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.695*		"	*0.820*		*84.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.51*		"	*1.64*		*92.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.755*		"	*0.820*		*92.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Matrix Spike (BH30357-MS1)	*Source sample: 23H0115-04 (Matrix Spike)								Prepared: 08/05/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	0.685	0.0973	mg/kg dry	0.972	ND	70.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.702	0.194	"	0.972	ND	72.2	10-133				
1,2,4-Trichlorobenzene	0.528	0.0973	"	0.972	ND	54.3	10-127				
1,2-Dichlorobenzene	0.451	0.0973	"	0.972	ND	46.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.558	0.0973	"	0.972	ND	57.4	10-144				
1,3-Dichlorobenzene	0.443	0.0973	"	0.972	ND	45.5	11-111				
1,4-Dichlorobenzene	0.437	0.0973	"	0.972	ND	45.0	10-106				
2,3,4,6-Tetrachlorophenol	0.709	0.194	"	0.972	ND	72.9	30-130				
2,4,5-Trichlorophenol	0.570	0.0973	"	0.972	ND	58.6	10-127				
2,4,6-Trichlorophenol	0.557	0.0973	"	0.972	ND	57.3	10-132				
2,4-Dichlorophenol	0.467	0.0973	"	0.972	ND	48.1	10-128				
2,4-Dimethylphenol	0.441	0.0973	"	0.972	ND	45.4	10-137				
2,4-Dinitrophenol	0.471	0.194	"	0.972	ND	48.4	10-171				
2,4-Dinitrotoluene	0.537	0.0973	"	0.972	ND	55.2	16-135				
2,6-Dinitrotoluene	0.486	0.0973	"	0.972	ND	50.0	18-131				
2-Chloronaphthalene	0.520	0.0973	"	0.972	ND	53.4	10-129				
2-Chlorophenol	0.444	0.0973	"	0.972	ND	45.7	15-116				
2-Methylnaphthalene	0.526	0.0973	"	0.972	ND	54.1	10-147				
2-Methylphenol	0.454	0.0973	"	0.972	ND	46.7	10-136				
2-Nitroaniline	0.523	0.194	"	0.972	ND	53.8	10-137				
2-Nitrophenol	0.467	0.0973	"	0.972	ND	48.1	10-129				
3- & 4-Methylphenols	0.421	0.0973	"	0.972	ND	43.3	10-123				
3,3-Dichlorobenzidine	0.571	0.0973	"	0.972	ND	58.7	10-155				
3-Nitroaniline	0.523	0.194	"	0.972	ND	53.8	12-133				
4,6-Dinitro-2-methylphenol	0.460	0.194	"	0.972	ND	47.3	10-155				
4-Bromophenyl phenyl ether	0.471	0.0973	"	0.972	ND	48.5	14-128				
4-Chloro-3-methylphenol	0.532	0.0973	"	0.972	ND	54.7	10-134				
4-Chloroaniline	0.328	0.0973	"	0.972	ND	33.8	10-145				
4-Chlorophenyl phenyl ether	0.531	0.0973	"	0.972	ND	54.6	14-130				
4-Nitroaniline	0.370	0.194	"	0.972	ND	38.1	10-147				
4-Nitrophenol	0.822	0.194	"	0.972	ND	84.6	10-137				
Acenaphthene	0.502	0.0973	"	0.972	ND	51.6	10-146				
Acenaphthylene	0.503	0.0973	"	0.972	ND	51.8	10-134				
Acetophenone	0.593	0.0973	"	0.972	ND	61.0	10-116				
Aniline	0.238	0.390	"	0.972	ND	24.5	10-123				
Anthracene	0.482	0.0973	"	0.972	ND	49.6	10-142				
Atrazine	0.735	0.0973	"	0.972	ND	75.6	19-115				
Benzaldehyde	0.591	0.0973	"	0.972	ND	60.8	10-125				
Benzo(a)anthracene	0.552	0.0973	"	0.972	ND	56.8	10-158				
Benzo(a)pyrene	0.505	0.0973	"	0.972	ND	51.9	10-180				
Benzo(b)fluoranthene	0.523	0.0973	"	0.972	ND	53.8	10-200				
Benzo(g,h,i)perylene	0.528	0.0973	"	0.972	ND	54.3	10-138				
Benzo(k)fluoranthene	0.535	0.0973	"	0.972	ND	55.0	10-197				
Benzoic acid	0.621	0.0973	"	0.972	ND	63.8	10-166				
Benzyl alcohol	0.420	0.0973	"	0.972	ND	43.2	12-124				
Benzyl butyl phthalate	0.533	0.0973	"	0.972	ND	54.8	10-154				
Bis(2-chloroethoxy)methane	0.495	0.0973	"	0.972	ND	50.9	10-132				
Bis(2-chloroethyl)ether	0.411	0.0973	"	0.972	ND	42.2	10-119				
Bis(2-chloroisopropyl)ether	0.442	0.0973	"	0.972	ND	45.4	10-139				
Bis(2-ethylhexyl)phthalate	0.551	0.0973	"	0.972	ND	56.6	10-167				
Caprolactam	0.581	0.194	"	0.972	ND	59.8	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Matrix Spike (BH30357-MS1)	*Source sample: 23H0115-04 (Matrix Spike)							Prepared: 08/05/2023 Analyzed: 08/08/2023			
Carbazole	0.523	0.0973	mg/kg dry	0.972	ND	53.8	10-167				
Chrysene	0.530	0.0973	"	0.972	ND	54.5	10-156				
Dibenzo(a,h)anthracene	0.499	0.0973	"	0.972	ND	51.4	10-137				
Dibenzofuran	0.520	0.0973	"	0.972	ND	53.5	10-147				
Diethyl phthalate	0.548	0.0973	"	0.972	ND	56.4	20-120				
Dimethyl phthalate	0.520	0.0973	"	0.972	ND	53.5	18-131				
Di-n-butyl phthalate	0.584	0.0973	"	0.972	ND	60.1	10-137				
Di-n-octyl phthalate	0.495	0.0973	"	0.972	ND	51.0	10-180				
Diphenylamine	0.606	0.194	"	0.972	ND	62.3	40-140				
Fluoranthene	0.540	0.0973	"	0.972	ND	55.5	10-160				
Fluorene	0.488	0.0973	"	0.972	ND	50.2	10-157				
Hexachlorobenzene	0.555	0.0973	"	0.972	ND	57.0	10-137				
Hexachlorobutadiene	0.566	0.0973	"	0.972	ND	58.2	10-132				
Hexachlorocyclopentadiene	0.250	0.0973	"	0.972	ND	25.7	10-106				
Hexachloroethane	0.503	0.0973	"	0.972	ND	51.8	10-110				
Indeno(1,2,3-cd)pyrene	0.437	0.0973	"	0.972	ND	45.0	10-144				
Isophorone	0.547	0.0973	"	0.972	ND	56.2	10-132				
Naphthalene	1.79	0.0973	"	0.972	ND	184	10-141	High Bias			
Nitrobenzene	0.551	0.0973	"	0.972	ND	56.6	10-131				
N-Nitrosodimethylamine	0.348	0.0973	"	0.972	ND	35.8	10-126				
N-nitroso-di-n-propylamine	0.454	0.0973	"	0.972	ND	46.7	10-125				
N-Nitrosodiphenylamine	0.599	0.0973	"	0.972	ND	61.6	10-177				
Pentachlorophenol	0.705	0.0973	"	0.972	ND	72.5	10-153				
Phenanthrene	0.547	0.0973	"	0.972	ND	56.2	10-148				
Phenol	0.404	0.0973	"	0.972	ND	41.5	10-126				
Pyrene	0.595	0.0973	"	0.972	ND	61.2	10-165				
Surrogate: SURR: 2-Fluorophenol	*1.16*		*"*	*1.94*		*59.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		*"*	*1.94*		*59.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.692*		*"*	*0.972*		*71.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.675*		*"*	*0.972*		*69.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.32*		*"*	*1.94*		*68.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.653*		*"*	*0.972*		*67.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Matrix Spike Dup (BH30357-MSD1)	*Source sample: 23H0115-04 (Matrix Spike Dup)								Prepared: 08/05/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	0.637	0.0973	mg/kg dry	0.972	ND	65.5	10-130		7.18	30	
1,2,4,5-Tetrachlorobenzene	0.660	0.194	"	0.972	ND	67.9	10-133		6.16	30	
1,2,4-Trichlorobenzene	0.488	0.0973	"	0.972	ND	50.2	10-127		7.80	30	
1,2-Dichlorobenzene	0.453	0.0973	"	0.972	ND	46.6	14-111		0.516	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.468	0.0973	"	0.972	ND	48.2	10-144		17.4	30	
1,3-Dichlorobenzene	0.475	0.0973	"	0.972	ND	48.9	11-111		7.12	30	
1,4-Dichlorobenzene	0.425	0.0973	"	0.972	ND	43.8	10-106		2.71	30	
2,3,4,6-Tetrachlorophenol	0.678	0.194	"	0.972	ND	69.8	30-130		4.37	30	
2,4,5-Trichlorophenol	0.541	0.0973	"	0.972	ND	55.6	10-127		5.32	30	
2,4,6-Trichlorophenol	0.527	0.0973	"	0.972	ND	54.2	10-132		5.45	30	
2,4-Dichlorophenol	0.478	0.0973	"	0.972	ND	49.2	10-128		2.30	30	
2,4-Dimethylphenol	0.395	0.0973	"	0.972	ND	40.6	10-137		11.0	30	
2,4-Dinitrophenol	0.238	0.194	"	0.972	ND	24.5	10-171		65.6	30	Non-dir.
2,4-Dinitrotoluene	0.497	0.0973	"	0.972	ND	51.1	16-135		7.67	30	
2,6-Dinitrotoluene	0.495	0.0973	"	0.972	ND	51.0	18-131		1.90	30	
2-Chloronaphthalene	0.512	0.0973	"	0.972	ND	52.6	10-129		1.51	30	
2-Chlorophenol	0.469	0.0973	"	0.972	ND	48.2	15-116		5.45	30	
2-Methylnaphthalene	0.709	0.0973	"	0.972	ND	73.0	10-147		29.7	30	
2-Methylphenol	0.475	0.0973	"	0.972	ND	48.9	10-136		4.52	30	
2-Nitroaniline	0.516	0.194	"	0.972	ND	53.1	10-137		1.20	30	
2-Nitrophenol	0.461	0.0973	"	0.972	ND	47.4	10-129		1.34	30	
3- & 4-Methylphenols	0.429	0.0973	"	0.972	ND	44.1	10-123		1.83	30	
3,3-Dichlorobenzidine	0.621	0.0973	"	0.972	ND	63.8	10-155		8.36	30	
3-Nitroaniline	0.516	0.194	"	0.972	ND	53.1	12-133		1.20	30	
4,6-Dinitro-2-methylphenol	0.427	0.194	"	0.972	ND	43.9	10-155		7.37	30	
4-Bromophenyl phenyl ether	0.484	0.0973	"	0.972	ND	49.8	14-128		2.61	30	
4-Chloro-3-methylphenol	0.495	0.0973	"	0.972	ND	51.0	10-134		7.12	30	
4-Chloroaniline	0.411	0.0973	"	0.972	ND	42.2	10-145		22.3	30	
4-Chlorophenyl phenyl ether	0.473	0.0973	"	0.972	ND	48.6	14-130		11.6	30	
4-Nitroaniline	0.345	0.194	"	0.972	ND	35.5	10-147		6.96	30	
4-Nitrophenol	0.986	0.194	"	0.972	ND	101	10-137		18.2	30	
Acenaphthene	0.504	0.0973	"	0.972	ND	51.8	10-146		0.464	30	
Acenaphthylene	0.520	0.0973	"	0.972	ND	53.4	10-134		3.19	30	
Acetophenone	0.621	0.0973	"	0.972	ND	63.9	10-116		4.74	30	
Aniline	0.259	0.390	"	0.972	ND	26.6	10-123		8.45	30	
Anthracene	0.484	0.0973	"	0.972	ND	49.8	10-142		0.322	30	
Atrazine	0.635	0.0973	"	0.972	ND	65.4	19-115		14.5	30	
Benzaldehyde	0.621	0.0973	"	0.972	ND	63.8	10-125		4.88	30	
Benzo(a)anthracene	0.512	0.0973	"	0.972	ND	52.6	10-158		7.60	30	
Benzo(a)pyrene	0.492	0.0973	"	0.972	ND	50.6	10-180		2.50	30	
Benzo(b)fluoranthene	0.510	0.0973	"	0.972	ND	52.5	10-200		2.41	30	
Benzo(g,h,i)perylene	0.459	0.0973	"	0.972	ND	47.2	10-138		14.0	30	
Benzo(k)fluoranthene	0.513	0.0973	"	0.972	ND	52.7	10-197		4.31	30	
Benzoic acid	0.396	0.0973	"	0.972	ND	40.7	10-166		44.2	30	Non-dir.
Benzyl alcohol	0.425	0.0973	"	0.972	ND	43.8	12-124		1.29	30	
Benzyl butyl phthalate	0.503	0.0973	"	0.972	ND	51.8	10-154		5.71	30	
Bis(2-chloroethoxy)methane	0.462	0.0973	"	0.972	ND	47.5	10-132		6.83	30	
Bis(2-chloroethyl)ether	0.441	0.0973	"	0.972	ND	45.4	10-119		7.12	30	
Bis(2-chloroisopropyl)ether	0.401	0.0973	"	0.972	ND	41.2	10-139		9.79	30	
Bis(2-ethylhexyl)phthalate	0.500	0.0973	"	0.972	ND	51.4	10-167		9.62	30	
Caprolactam	0.607	0.194	"	0.972	ND	62.5	10-132		4.45	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30357 - EPA 3550C											
Matrix Spike Dup (BH30357-MSD1)	*Source sample: 23H0115-04 (Matrix Spike Dup)								Prepared: 08/05/2023 Analyzed: 08/08/2023		
Carbazole	0.469	0.0973	mg/kg dry	0.972	ND	48.2	10-167		11.0	30	
Chrysene	0.512	0.0973	"	0.972	ND	52.6	10-156		3.44	30	
Dibenzo(a,h)anthracene	0.484	0.0973	"	0.972	ND	49.8	10-137		3.16	30	
Dibenzofuran	0.523	0.0973	"	0.972	ND	53.8	10-147		0.447	30	
Diethyl phthalate	0.509	0.0973	"	0.972	ND	52.3	20-120		7.51	30	
Dimethyl phthalate	0.505	0.0973	"	0.972	ND	51.9	18-131		3.03	30	
Di-n-butyl phthalate	0.502	0.0973	"	0.972	ND	51.6	10-137		15.2	30	
Di-n-octyl phthalate	0.502	0.0973	"	0.972	ND	51.7	10-180		1.40	30	
Diphenylamine	0.561	0.194	"	0.972	ND	57.7	40-140		7.73	30	
Fluoranthene	0.476	0.0973	"	0.972	ND	49.0	10-160		12.6	30	
Fluorene	0.521	0.0973	"	0.972	ND	53.6	10-157		6.47	30	
Hexachlorobenzene	0.514	0.0973	"	0.972	ND	52.9	10-137		7.57	30	
Hexachlorobutadiene	0.509	0.0973	"	0.972	ND	52.4	10-132		10.6	30	
Hexachlorocyclopentadiene	0.212	0.0973	"	0.972	ND	21.8	10-106		16.2	30	
Hexachloroethane	0.442	0.0973	"	0.972	ND	45.4	10-110		13.0	30	
Indeno(1,2,3-cd)pyrene	0.394	0.0973	"	0.972	ND	40.5	10-144		10.5	30	
Isophorone	0.496	0.0973	"	0.972	ND	51.0	10-132		9.69	30	
Naphthalene	5.99	0.0973	"	0.972	ND	616	10-141	High Bias	108	30	Non-dir.
Nitrobenzene	0.541	0.0973	"	0.972	ND	55.6	10-131		1.85	30	
N-Nitrosodimethylamine	0.387	0.0973	"	0.972	ND	39.8	10-126		10.6	30	
N-nitroso-di-n-propylamine	0.405	0.0973	"	0.972	ND	41.7	10-125		11.4	30	
N-Nitrosodiphenylamine	0.551	0.0973	"	0.972	ND	56.6	10-177		8.39	30	
Pentachlorophenol	0.630	0.0973	"	0.972	ND	64.8	10-153		11.2	30	
Phenanthrene	0.499	0.0973	"	0.972	ND	51.3	10-148		9.23	30	
Phenol	0.499	0.0973	"	0.972	ND	51.3	10-126		21.0	30	
Pyrene	0.537	0.0973	"	0.972	ND	55.2	10-165		10.3	30	
Surrogate: SURR: 2-Fluorophenol	*1.13*		"	*1.94*		*57.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.15*		"	*1.94*		*59.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.636*		"	*0.972*		*65.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.647*		"	*0.972*		*66.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.28*		"	*1.94*		*65.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.649*		"	*0.972*		*66.7*	*24-116*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30383 - EPA 3550C											
Blank (BH30383-BLK1)											Prepared: 08/07/2023 Analyzed: 08/08/2023
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
Chlordane, total	ND	0.0330	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00825	"								
Toxaphene	ND	0.0835	"								
Surrogate: Decachlorobiphenyl	*0.0651*		*"*	*0.0667*		*97.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0408*		*"*	*0.0667*		*61.3*	*30-150*				
LCS (BH30383-BS1)											Prepared: 08/07/2023 Analyzed: 08/08/2023
4,4'-DDD	0.0290	0.00165	mg/kg wet	0.0333		87.0	40-140				
4,4'-DDE	0.0289	0.00165	"	0.0333		86.8	40-140				
4,4'-DDT	0.0297	0.00165	"	0.0333		89.2	40-140				
Aldrin	0.0281	0.00165	"	0.0333		84.4	40-140				
alpha-BHC	0.0288	0.00165	"	0.0333		86.5	40-140				
alpha-Chlordane	0.0294	0.00165	"	0.0333		88.1	40-140				
beta-BHC	0.0286	0.00165	"	0.0333		85.8	40-140				
delta-BHC	0.0275	0.00165	"	0.0333		82.4	40-140				
Dieldrin	0.0289	0.00165	"	0.0333		86.6	40-140				
Endosulfan I	0.0293	0.00165	"	0.0333		88.0	40-140				
Endosulfan II	0.0292	0.00165	"	0.0333		87.6	40-140				
Endosulfan sulfate	0.0290	0.00165	"	0.0333		86.9	40-140				
Endrin	0.0286	0.00165	"	0.0333		85.9	40-140				
Endrin aldehyde	0.0279	0.00165	"	0.0333		83.6	40-140				
Endrin ketone	0.0296	0.00165	"	0.0333		88.8	40-140				
gamma-BHC (Lindane)	0.0291	0.00165	"	0.0333		87.2	40-140				
gamma-Chlordane	0.0287	0.00165	"	0.0333		86.1	40-140				
Heptachlor	0.0277	0.00165	"	0.0333		83.2	40-140				
Heptachlor epoxide	0.0293	0.00165	"	0.0333		88.0	40-140				
Methoxychlor	0.0326	0.00825	"	0.0333		97.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0613*		*"*	*0.0667*		*92.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0395*		*"*	*0.0667*		*59.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30383 - EPA 3550C											
Matrix Spike (BH30383-MS1)	*Source sample: 23H0128-01 (WC-01_080123)							Prepared: 08/07/2023 Analyzed: 08/08/2023			
4,4'-DDD	0.0425	0.00161	mg/kg dry	0.0349	ND	122	30-150				
4,4'-DDE	0.0354	0.00161	"	0.0349	ND	102	30-150				
4,4'-DDT	0.0443	0.00161	"	0.0349	ND	127	30-150				
Aldrin	0.0290	0.00161	"	0.0349	ND	83.1	30-150				
alpha-BHC	0.0414	0.00161	"	0.0349	ND	119	30-150				
alpha-Chlordane	0.0366	0.00161	"	0.0349	ND	105	30-150				
beta-BHC	0.0230	0.00161	"	0.0349	ND	65.9	30-150				
delta-BHC	0.0301	0.00161	"	0.0349	ND	86.3	30-150				
Dieldrin	0.0375	0.00161	"	0.0349	ND	108	30-150				
Endosulfan I	0.0386	0.00161	"	0.0349	ND	111	30-150				
Endosulfan II	0.0382	0.00161	"	0.0349	ND	109	30-150				
Endosulfan sulfate	0.0341	0.00161	"	0.0349	ND	97.8	30-150				
Endrin	0.0407	0.00161	"	0.0349	ND	117	30-150				
Endrin aldehyde	0.0340	0.00161	"	0.0349	ND	97.4	30-150				
Endrin ketone	0.0407	0.00161	"	0.0349	ND	117	30-150				
gamma-BHC (Lindane)	0.0319	0.00161	"	0.0349	ND	91.6	30-150				
gamma-Chlordane	0.0373	0.00161	"	0.0349	ND	107	30-150				
Heptachlor	0.0298	0.00161	"	0.0349	ND	85.3	30-150				
Heptachlor epoxide	0.0320	0.00161	"	0.0349	ND	91.9	30-150				
Methoxychlor	0.0538	0.00806	"	0.0349	ND	154	30-150	High Bias			
Surrogate: Decachlorobiphenyl	*0.0676*		*"*	*0.0698*		*97.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0467*		*"*	*0.0698*		*67.0*	*30-150*				
Matrix Spike Dup (BH30383-MSD1)	*Source sample: 23H0128-01 (WC-01_080123)							Prepared: 08/07/2023 Analyzed: 08/08/2023			
4,4'-DDD	0.0336	0.00164	mg/kg dry	0.0356	ND	94.3	30-150		23.6	30	
4,4'-DDE	0.0330	0.00164	"	0.0356	ND	92.8	30-150		7.10	30	
4,4'-DDT	0.0329	0.00164	"	0.0356	ND	92.6	30-150		29.5	30	
Aldrin	0.0318	0.00164	"	0.0356	ND	89.3	30-150		9.19	30	
alpha-BHC	0.0539	0.00164	"	0.0356	ND	152	30-150	High Bias	26.3	30	
alpha-Chlordane	0.0333	0.00164	"	0.0356	ND	93.7	30-150		9.31	30	
beta-BHC	0.0272	0.00164	"	0.0356	ND	76.3	30-150		16.7	30	
delta-BHC	0.0345	0.00164	"	0.0356	ND	97.1	30-150		13.8	30	
Dieldrin	0.0341	0.00164	"	0.0356	ND	96.0	30-150		9.43	30	
Endosulfan I	0.0344	0.00164	"	0.0356	ND	96.6	30-150		11.7	30	
Endosulfan II	0.0328	0.00164	"	0.0356	ND	92.2	30-150		15.2	30	
Endosulfan sulfate	0.0275	0.00164	"	0.0356	ND	77.3	30-150		21.5	30	
Endrin	0.0341	0.00164	"	0.0356	ND	95.8	30-150		17.8	30	
Endrin aldehyde	0.0256	0.00164	"	0.0356	ND	71.9	30-150		28.1	30	
Endrin ketone	0.0338	0.00164	"	0.0356	ND	94.9	30-150		18.7	30	
gamma-BHC (Lindane)	0.0388	0.00164	"	0.0356	ND	109	30-150		19.5	30	
gamma-Chlordane	0.0326	0.00164	"	0.0356	ND	91.7	30-150		13.3	30	
Heptachlor	0.0353	0.00164	"	0.0356	ND	99.1	30-150		16.9	30	
Heptachlor epoxide	0.0343	0.00164	"	0.0356	ND	96.3	30-150		6.68	30	
Methoxychlor	0.0358	0.00822	"	0.0356	ND	101	30-150		40.2	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.0794*		*"*	*0.0711*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0603*		*"*	*0.0711*		*84.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30383 - EPA 3550C											
Blank (BH30383-BLK2)									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0480*		*"*	*0.0667*		*72.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0277*		*"*	*0.0667*		*41.5*	*30-140*				
LCS (BH30383-BS2)									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Aroclor 1016	0.276	0.0167	mg/kg wet	0.333		82.7	40-130				
Aroclor 1260	0.255	0.0167	"	0.333		76.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0580*		*"*	*0.0667*		*87.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0330*		*"*	*0.0667*		*49.5*	*30-140*				
Matrix Spike (BH30383-MS2)	*Source sample: 23H0128-01 (WC-01_080123)								Prepared: 08/07/2023 Analyzed: 08/09/2023		
Aroclor 1016	0.143	0.0177	mg/kg dry	0.353	ND	40.4	40-140				
Aroclor 1260	0.183	0.0177	"	0.353	ND	51.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0491*		*"*	*0.0707*		*69.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0449*		*"*	*0.0707*		*63.5*	*30-140*				
Matrix Spike Dup (BH30383-MSD2)	*Source sample: 23H0128-01 (WC-01_080123)								Prepared: 08/07/2023 Analyzed: 08/09/2023		
Aroclor 1016	0.120	0.0174	mg/kg dry	0.349	ND	34.4	40-140	Low Bias	17.5	50	
Aroclor 1260	0.173	0.0174	"	0.349	ND	49.6	40-140		5.69	50	
Surrogate: Tetrachloro-m-xylene	*0.0471*		*"*	*0.0698*		*67.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0328*		*"*	*0.0698*		*47.0*	*30-140*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30428 - EPA 3050B											
Blank (BH30428-BLK1)									Prepared: 08/07/2023 Analyzed: 08/10/2023		
Arsenic	ND	1.04	mg/kg wet								
Barium	ND	1.73	"								
Cadmium	ND	0.208	"								
Chromium	ND	0.348	"								
Lead	0.434	0.348	"								
Selenium	ND	1.74	"								
Silver	ND	0.350	"								
Duplicate (BH30428-DUP1)	*Source sample: 23H0130-14 (Duplicate)								Prepared: 08/07/2023 Analyzed: 08/10/2023		
Arsenic	6.17	1.25	mg/kg dry		6.35				2.89	35	
Barium	32.6	2.08	"		42.3				26.0	35	
Cadmium	ND	0.250	"		ND					35	
Chromium	12.8	0.416	"		12.7				0.457	35	
Lead	48.7	0.416	"		63.2				25.9	35	
Selenium	4.99	2.08	"		5.59				11.4	35	
Silver	ND	0.419	"		ND					35	
Matrix Spike (BH30428-MS1)	*Source sample: 23H0130-14 (Matrix Spike)								Prepared: 08/07/2023 Analyzed: 08/10/2023		
Arsenic	185	1.25	mg/kg dry	200	6.35	89.7	75-125				
Barium	233	2.08	"	200	42.3	95.7	75-125				
Cadmium	4.46	0.250	"	4.99	ND	89.4	75-125				
Chromium	36.0	0.416	"	20.0	12.7	117	75-125				
Lead	99.7	0.416	"	49.9	63.2	73.2	75-125	Low Bias			
Selenium	186	2.08	"	200	5.59	90.2	75-125				
Silver	0.958	0.419	"	4.99	ND	19.2	75-125	Low Bias			
Post Spike (BH30428-PS1)	*Source sample: 23H0130-14 (Post Spike)								Prepared: 08/07/2023 Analyzed: 08/10/2023		
Arsenic	1.86		mg/L	2.00	0.064	89.9	75-125				
Barium	2.27		"	2.00	0.424	92.4	75-125				
Cadmium	0.044		"	0.0500	0.0005	87.8	75-125				
Chromium	0.308		"	0.200	0.127	90.5	75-125				
Lead	1.06		"	0.500	0.633	85.6	75-125				
Selenium	1.90		"	2.00	0.056	92.0	75-125				
Silver	0.011		"	0.0500	-0.037	21.3	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30428 - EPA 3050B											
Reference (BH30428-SRM1)											Prepared: 08/07/2023 Analyzed: 08/10/2023
Arsenic	164	1.04	mg/kg wet	183		89.8	69.9-130.1				
Barium	278	1.73	"	297		93.5	75.1-125.3				
Cadmium	189	0.208	"	221		85.3	75.1-124.9				
Chromium	183	0.348	"	200		91.4	70-130				
Lead	221	0.348	"	257		86.1	73.9-126.1				
Selenium	195	1.74	"	217		90.0	69.1-131.3				
Silver	58.7	0.350	"	67.8		86.5	70.6-129.2				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30604 - EPA 7473 soil											
Blank (BH30604-BLK1)									Prepared: 08/09/2023 Analyzed: 08/10/2023		
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH30604-DUP1)	*Source sample: 23H0115-02 (Duplicate)								Prepared: 08/09/2023 Analyzed: 08/10/2023		
Mercury	0.0566	0.0366	mg/kg dry		0.0600				5.86	35	
Matrix Spike (BH30604-MS1)	*Source sample: 23H0115-02 (Matrix Spike)								Prepared: 08/09/2023 Analyzed: 08/10/2023		
Mercury	0.550		mg/kg	0.500	0.0492	100	75-125				
Reference (BH30604-SRM1)									Prepared: 08/09/2023 Analyzed: 08/10/2023		
Mercury	25.154		mg/kg	27.2		92.5	59.9-140.1				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30360 - % Solids Prep											
Duplicate (BH30360-DUP1)	*Source sample: 23H0130-13 (Duplicate)							Prepared & Analyzed: 08/06/2023			
% Solids	83.4	0.100	%		83.1				0.389	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23H0128-01	WC-01_080123	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23H0128

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: LaBella Associates	Company: LaBella	Company: LaBella	CZ41440.02	RUSH - Next Day
Address: 4 Brisbin American Blvd Latham, NY 12110	Address: "	Address: 21 First St. Poughkeepsie, NY	YOUR Project Name: Danskammer	RUSH - Two Day
Phone.: 518-266-7355	Phone.: "	Phone.:		RUSH - Three Day
Contact: Branson Fields	Contact: "	Contact: Accounts Payable		RUSH - Four Day
E-mail: bfields@labellapc.com	E-mail: "	E-mail: APPK@labellapc.com	YOUR PO#: CZ41440.02	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Branson Fields

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)
Part 375 SCOs

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
WC-01_080123	S	8/1/23 @ 1330	TCL VOCs; TCL SVOCs; Pesticides; PCBs; RCRA Metals. (see comments)	40mL Vial	8
				2x 8oz	2
				2x 4oz	2
				2x 2oz	2

Comments: * HOLD additional battleware. Pending results of requested analyses, TCLP may be requested.

Samples iced/chilled at time of lab pickup? circle (Yes) or No

Preservation: (check all that apply)
HCl X MeOH X HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: Ice

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Branson Fields / LaBella	8/1/23 15:00	Chris York	8-2-23 10:30	Chris York	8-2-23 1435
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				CH	8/2/23 1435 / 2.0 Degrees C

APPENDIX B – Raw CAMP Data

Upwind

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192705
Test ID:,005
Test Abbreviation:,MANUAL_005
Start Date:,08/01/2023
Start Time:,09:17:39
Duration (dd:hh:mm:ss):,0:04:55:00
Log Interval (mm:ss):,01:00
Number of points:,295
Notes:,

Statistics,Channel:,PM1,PM2.5,RESP,PM10,TOTAL
,Units:,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
,Average:,0.006,0.006,0.007,0.008,0.009
,Minimum:,0.004,0.004,0.004,0.004,0.004
,Time of Minimum:,13:19:39,13:26:39,13:35:39,14:11:39,14:11:39
,Date of Minimum:,08/01/2023,08/01/2023,08/01/2023,08/01/2023,08/01/2023
,Maximum:,0.025,0.027,0.034,0.059,0.062
,Time of Maximum:,09:43:39,09:43:39,09:43:39,09:43:39,09:43:39
,Date of Maximum:,08/01/2023,08/01/2023,08/01/2023,08/01/2023,08/01/2023

Calibration,Sensor:,AEROSOL
,Cal. date,11/02/2022

Date,Time,PM1,PM2.5,RESP,PM10,TOTAL
MM/dd/yyyy,hh:mm:ss,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
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08/01/2023,09:19:39,0.014,0.014,0.015,0.018,0.018
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08/01/2023,13:14:39,0.007,0.007,0.009,0.012,0.013
08/01/2023,13:15:39,0.005,0.005,0.005,0.006,0.006
08/01/2023,13:16:39,0.005,0.005,0.005,0.007,0.007
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08/01/2023,13:36:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:37:39,0.004,0.004,0.005,0.005,0.006
08/01/2023,13:38:39,0.004,0.004,0.005,0.006,0.006
08/01/2023,13:39:39,0.004,0.004,0.005,0.005,0.005
08/01/2023,13:40:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:41:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:42:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:43:39,0.004,0.004,0.004,0.005,0.005
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08/01/2023,13:45:39,0.004,0.005,0.005,0.005,0.005
08/01/2023,13:46:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:47:39,0.005,0.005,0.005,0.006,0.006
08/01/2023,13:48:39,0.005,0.005,0.006,0.007,0.007

08/01/2023,13:49:39,0.005,0.005,0.006,0.006,0.006
08/01/2023,13:50:39,0.005,0.005,0.005,0.005,0.005
08/01/2023,13:51:39,0.008,0.008,0.010,0.015,0.015
08/01/2023,13:52:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,13:53:39,0.004,0.004,0.004,0.005,0.005
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08/01/2023,13:59:39,0.005,0.005,0.005,0.006,0.006
08/01/2023,14:00:39,0.004,0.005,0.005,0.006,0.006
08/01/2023,14:01:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,14:02:39,0.004,0.005,0.005,0.006,0.006
08/01/2023,14:03:39,0.005,0.005,0.005,0.007,0.007
08/01/2023,14:04:39,0.004,0.004,0.005,0.006,0.006
08/01/2023,14:05:39,0.004,0.005,0.005,0.006,0.006
08/01/2023,14:06:39,0.005,0.005,0.005,0.007,0.007
08/01/2023,14:07:39,0.005,0.005,0.005,0.007,0.007
08/01/2023,14:08:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,14:09:39,0.004,0.004,0.004,0.005,0.005
08/01/2023,14:10:39,0.004,0.004,0.004,0.005,0.006
08/01/2023,14:11:39,0.004,0.004,0.004,0.004,0.004
08/01/2023,14:12:39,0.004,0.004,0.005,0.006,0.006

Downwind

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192213
Test ID:,005
Test Abbreviation:,MANUAL_005
Start Date:,08/01/2023
Start Time:,09:20:27
Duration (dd:hh:mm:ss):,0:21:32:00
Log Interval (mm:ss):,01:00
Number of points:,135
Notes:,

Statistics,Channel:,PM1,PM2.5,RESP,PM10,TOTAL
,Units:,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
,Average:,0.013,0.013,0.014,0.015,0.016
,Minimum:,0.000,0.000,0.000,0.000,0.000
,Time of Minimum:,06:52:43,06:52:43,06:52:43,06:52:43,06:52:43
,Date of Minimum:,08/02/2023,08/02/2023,08/02/2023,08/02/2023,08/02/2023
,Maximum:,0.034,0.034,0.037,0.051,0.076
,Time of Maximum:,10:48:27,10:48:27,10:48:27,10:48:27,10:48:27
,Date of Maximum:,08/01/2023,08/01/2023,08/01/2023,08/01/2023,08/01/2023

Calibration,Sensor:,AEROSOL
,Cal. date,05/30/2023

Date,Time,PM1,PM2.5,RESP,PM10,TOTAL
MM/dd/yyyy,hh:mm:ss,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
08/01/2023,09:21:27,0.015,0.016,0.016,0.019,0.019
08/01/2023,09:22:27,0.016,0.017,0.018,0.021,0.023
08/01/2023,09:23:27,0.016,0.016,0.017,0.020,0.022
08/01/2023,09:24:27,0.015,0.015,0.016,0.017,0.017
08/01/2023,09:25:27,0.020,0.021,0.022,0.025,0.026
08/01/2023,09:26:27,0.014,0.014,0.014,0.016,0.016
08/01/2023,09:58:51,0.013,0.013,0.013,0.013,0.013
08/01/2023,09:59:27,0.012,0.012,0.013,0.014,0.018
08/01/2023,10:00:27,0.012,0.012,0.012,0.014,0.014
08/01/2023,10:01:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:02:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:03:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:04:27,0.013,0.013,0.014,0.017,0.017
08/01/2023,10:05:27,0.013,0.014,0.014,0.015,0.016
08/01/2023,10:06:27,0.013,0.013,0.014,0.016,0.016
08/01/2023,10:07:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:08:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,10:09:27,0.012,0.013,0.013,0.015,0.015
08/01/2023,10:10:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:11:27,0.012,0.012,0.013,0.015,0.015
08/01/2023,10:12:27,0.013,0.013,0.014,0.016,0.016

08/01/2023,10:13:27,0.013,0.013,0.014,0.016,0.016
08/01/2023,10:14:27,0.014,0.014,0.015,0.018,0.018
08/01/2023,10:15:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,10:16:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:17:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:18:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:19:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:20:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,10:21:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,10:22:27,0.014,0.014,0.014,0.016,0.016
08/01/2023,10:23:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,10:24:27,0.014,0.014,0.015,0.017,0.017
08/01/2023,10:25:27,0.014,0.015,0.015,0.016,0.017
08/01/2023,10:26:27,0.014,0.014,0.015,0.016,0.016
08/01/2023,10:27:27,0.015,0.015,0.016,0.017,0.017
08/01/2023,10:28:27,0.015,0.015,0.016,0.017,0.017
08/01/2023,10:29:27,0.015,0.015,0.015,0.016,0.016
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08/01/2023,10:31:27,0.015,0.015,0.015,0.016,0.016
08/01/2023,10:32:27,0.015,0.015,0.015,0.016,0.016
08/01/2023,10:33:27,0.015,0.015,0.015,0.017,0.017
08/01/2023,10:34:27,0.014,0.014,0.014,0.015,0.015
08/01/2023,10:35:27,0.013,0.014,0.014,0.015,0.015
08/01/2023,10:36:27,0.014,0.015,0.015,0.018,0.018
08/01/2023,10:37:27,0.013,0.013,0.013,0.014,0.014
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08/01/2023,10:39:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:40:27,0.012,0.013,0.013,0.014,0.014
08/01/2023,10:41:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:42:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,10:43:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,10:44:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,10:45:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,10:46:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,10:47:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,10:48:27,0.034,0.034,0.037,0.051,0.076
08/01/2023,10:49:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,10:50:27,0.013,0.013,0.013,0.015,0.015
08/01/2023,10:51:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,10:52:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:53:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,10:54:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,10:55:27,0.014,0.014,0.015,0.016,0.017
08/01/2023,10:56:27,0.014,0.014,0.014,0.016,0.016
08/01/2023,10:57:27,0.013,0.013,0.013,0.014,0.014
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08/01/2023,10:59:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:00:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:01:27,0.015,0.015,0.016,0.018,0.018
08/01/2023,11:02:27,0.012,0.013,0.013,0.014,0.014

08/01/2023,11:03:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,11:04:27,0.012,0.013,0.013,0.014,0.014
08/01/2023,11:05:27,0.015,0.015,0.016,0.020,0.020
08/01/2023,11:06:27,0.015,0.015,0.016,0.019,0.019
08/01/2023,11:07:27,0.014,0.014,0.015,0.018,0.019
08/01/2023,11:08:27,0.013,0.013,0.013,0.015,0.015
08/01/2023,11:09:27,0.014,0.014,0.014,0.016,0.016
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08/01/2023,11:11:27,0.013,0.013,0.013,0.014,0.014
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08/01/2023,11:13:27,0.014,0.014,0.014,0.016,0.016
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08/01/2023,11:17:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:18:27,0.013,0.013,0.013,0.014,0.015
08/01/2023,11:19:27,0.014,0.014,0.015,0.017,0.017
08/01/2023,11:20:27,0.012,0.012,0.013,0.013,0.013
08/01/2023,11:21:27,0.013,0.013,0.013,0.015,0.015
08/01/2023,11:22:27,0.013,0.013,0.014,0.016,0.016
08/01/2023,11:23:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:24:27,0.013,0.013,0.013,0.014,0.015
08/01/2023,11:25:27,0.013,0.013,0.013,0.015,0.015
08/01/2023,11:26:27,0.012,0.013,0.013,0.014,0.014
08/01/2023,11:27:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,11:28:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,11:29:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,11:30:27,0.012,0.012,0.012,0.014,0.014
08/01/2023,11:31:27,0.015,0.015,0.016,0.019,0.020
08/01/2023,11:32:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:33:27,0.012,0.013,0.013,0.014,0.014
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08/01/2023,11:37:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,11:38:27,0.015,0.015,0.015,0.017,0.017
08/01/2023,11:39:27,0.013,0.013,0.014,0.015,0.016
08/01/2023,11:40:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:41:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,11:42:27,0.012,0.012,0.012,0.013,0.013
08/01/2023,11:43:27,0.014,0.014,0.014,0.015,0.015
08/01/2023,11:44:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,11:45:27,0.019,0.020,0.020,0.021,0.021
08/01/2023,11:46:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:47:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,11:48:27,0.015,0.015,0.015,0.016,0.016
08/01/2023,11:49:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,11:50:27,0.015,0.015,0.016,0.020,0.020
08/01/2023,11:51:27,0.013,0.013,0.014,0.016,0.016
08/01/2023,11:52:27,0.014,0.014,0.015,0.018,0.018

08/01/2023,11:53:27,0.013,0.013,0.014,0.015,0.015
08/01/2023,11:54:27,0.014,0.014,0.014,0.015,0.015
08/01/2023,11:55:27,0.015,0.015,0.016,0.017,0.017
08/01/2023,11:56:27,0.013,0.013,0.013,0.014,0.014
08/01/2023,11:57:27,0.012,0.012,0.013,0.014,0.014
08/01/2023,11:58:27,0.012,0.013,0.013,0.014,0.014
08/01/2023,11:59:27,0.012,0.012,0.012,0.013,0.014
08/01/2023,12:00:27,0.012,0.012,0.012,0.013,0.014
08/01/2023,12:01:27,0.012,0.012,0.012,0.012,0.012
08/01/2023,12:02:27,0.013,0.013,0.014,0.015,0.016
08/01/2023,12:03:27,0.014,0.014,0.015,0.017,0.018
08/01/2023,12:04:27,0.012,0.012,0.013,0.013,0.014
08/01/2023,12:05:27,0.012,0.013,0.013,0.014,0.014
08/02/2023,06:52:43,0.000,0.000,0.000,0.000,0.000

Work

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192301
Test ID:,005
Test Abbreviation:,MANUAL_005
Start Date:,08/01/2023
Start Time:,09:19:33
Duration (dd:hh:mm:ss):,0:05:00:00
Log Interval (mm:ss):,01:00
Number of points:,300
Notes:,

Statistics,Channel:,PM1,PM2.5,RESP,PM10,TOTAL
,Units:,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
,Average:,0.007,0.007,0.008,0.011,0.012
,Minimum:,0.004,0.004,0.004,0.004,0.004
,Time of Minimum:,12:31:33,12:31:33,12:35:33,12:41:33,12:41:33
,Date of Minimum:,08/01/2023,08/01/2023,08/01/2023,08/01/2023,08/01/2023
,Maximum:,0.018,0.019,0.024,0.046,0.048
,Time of Maximum:,11:12:33,11:12:33,13:08:33,13:08:33,13:08:33
,Date of Maximum:,08/01/2023,08/01/2023,08/01/2023,08/01/2023,08/01/2023

Calibration,Sensor:,AEROSOL
,Cal. date,11/08/2022

Date,Time,PM1,PM2.5,RESP,PM10,TOTAL
MM/dd/yyyy,hh:mm:ss,mg/m^3,mg/m^3,mg/m^3,mg/m^3,mg/m^3
08/01/2023,09:20:33,0.009,0.010,0.011,0.013,0.013
08/01/2023,09:21:33,0.016,0.017,0.021,0.035,0.037
08/01/2023,09:22:33,0.010,0.010,0.011,0.014,0.015
08/01/2023,09:23:33,0.010,0.011,0.012,0.016,0.019
08/01/2023,09:24:33,0.011,0.012,0.014,0.020,0.022
08/01/2023,09:25:33,0.012,0.012,0.014,0.019,0.021
08/01/2023,09:26:33,0.011,0.011,0.012,0.015,0.016
08/01/2023,09:27:33,0.010,0.011,0.012,0.014,0.014
08/01/2023,09:28:33,0.010,0.010,0.011,0.013,0.014
08/01/2023,09:29:33,0.009,0.010,0.010,0.012,0.013
08/01/2023,09:30:33,0.009,0.010,0.011,0.014,0.014
08/01/2023,09:31:33,0.009,0.010,0.011,0.012,0.014
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08/01/2023,14:00:33,0.006,0.006,0.006,0.008,0.009
08/01/2023,14:01:33,0.005,0.006,0.006,0.007,0.007
08/01/2023,14:02:33,0.006,0.006,0.006,0.008,0.009
08/01/2023,14:03:33,0.006,0.006,0.006,0.008,0.008
08/01/2023,14:04:33,0.008,0.009,0.010,0.017,0.018
08/01/2023,14:05:33,0.007,0.007,0.008,0.011,0.015
08/01/2023,14:06:33,0.006,0.006,0.006,0.007,0.007
08/01/2023,14:07:33,0.005,0.006,0.006,0.008,0.008
08/01/2023,14:08:33,0.005,0.005,0.006,0.007,0.007
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08/01/2023,14:13:33,0.006,0.006,0.006,0.008,0.008
08/01/2023,14:14:33,0.006,0.006,0.006,0.007,0.008
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08/01/2023,14:16:33,0.006,0.006,0.006,0.008,0.008
08/01/2023,14:17:33,0.006,0.006,0.006,0.008,0.008
08/01/2023,14:18:33,0.006,0.006,0.007,0.009,0.010
08/01/2023,14:19:33,0.006,0.006,0.007,0.009,0.011

Upwind

==========
23/08/01 10:08
****
Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-910816
Unit Firmware Ver V2.22

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Battery Low

Site ID 12345678
User ID 12345678

Begin 8/1/2023 10:08:23
End 8/1/2023 13:01:53
Sample Period(s) 60
Number of Records 173

Sensor PID(ppm)
Sensor SN S023030198S6
Measure Type Avg; Max; Real
Span 100.0
Span 2 1000.0
Low Alarm 50.0
High Alarm 100.0
Over Alarm 15000.0
STEL Alarm 100.0
TWA Alarm 50.0
Measurement Gas Isobutylene
Calibration Time 7/25/2023 10:21
Peak 0.5
Min 0.1
Average 0.4

****
Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)	
001	8/1/2023 10:09:23	0.2	0.2	0.2	
002	8/1/2023 10:10:23	0.2	0.2	0.2	
003	8/1/2023 10:11:23	0.2	0.2	0.1	
004	8/1/2023 10:12:23	0.1	0.2	0.1	
005	8/1/2023 10:13:23	0.1	0.1	0.1	
006	8/1/2023 10:14:23	0.1	0.1	0.1	
007	8/1/2023 10:15:23	0.1	0.1	0.1	
008	8/1/2023 10:16:23	0.1	0.1	0.1	

009	8/1/2023 10:17:23	0.1	0.2	0.1
010	8/1/2023 10:18:23	0.1	0.1	0.1
011	8/1/2023 10:19:23	0.1	0.1	0.1
012	8/1/2023 10:20:23	0.1	0.2	0.2
013	8/1/2023 10:21:23	0.2	0.2	0.2
014	8/1/2023 10:22:23	0.2	0.2	0.2
015	8/1/2023 10:23:23	0.2	0.2	0.2
016	8/1/2023 10:24:23	0.2	0.2	0.2
017	8/1/2023 10:25:23	0.2	0.2	0.2
018	8/1/2023 10:26:23	0.2	0.2	0.2
019	8/1/2023 10:27:23	0.2	0.2	0.2
020	8/1/2023 10:28:23	0.2	0.2	0.2
021	8/1/2023 10:29:23	0.2	0.2	0.2
022	8/1/2023 10:30:23	0.2	0.2	0.2
023	8/1/2023 10:31:23	0.2	0.2	0.2
024	8/1/2023 10:32:23	0.2	0.2	0.2
025	8/1/2023 10:33:23	0.2	0.2	0.2
026	8/1/2023 10:34:23	0.2	0.2	0.2
027	8/1/2023 10:35:23	0.2	0.2	0.2
028	8/1/2023 10:36:23	0.2	0.2	0.2
029	8/1/2023 10:37:23	0.2	0.2	0.2
030	8/1/2023 10:38:23	0.2	0.2	0.2
031	8/1/2023 10:39:23	0.2	0.2	0.2
032	8/1/2023 10:40:23	0.2	0.3	0.3
033	8/1/2023 10:41:23	0.3	0.3	0.3
034	8/1/2023 10:42:23	0.3	0.3	0.3
035	8/1/2023 10:43:23	0.3	0.3	0.3
036	8/1/2023 10:44:23	0.3	0.3	0.3
037	8/1/2023 10:45:23	0.3	0.3	0.3
038	8/1/2023 10:46:23	0.3	0.3	0.3
039	8/1/2023 10:47:23	0.3	0.3	0.3
040	8/1/2023 10:48:23	0.3	0.3	0.3
041	8/1/2023 10:49:23	0.3	0.3	0.3
042	8/1/2023 10:50:23	0.3	0.3	0.3
043	8/1/2023 10:51:23	0.3	0.4	0.3
044	8/1/2023 10:52:23	0.3	0.4	0.4
045	8/1/2023 10:53:23	0.4	0.4	0.4
046	8/1/2023 10:54:23	0.4	0.4	0.4
047	8/1/2023 10:55:23	0.4	0.4	0.4
048	8/1/2023 10:56:23	0.4	0.4	0.4
049	8/1/2023 10:57:23	0.4	0.4	0.4
050	8/1/2023 10:58:23	0.4	0.4	0.4
051	8/1/2023 10:59:23	0.4	0.4	0.4
052	8/1/2023 11:00:23	0.4	0.4	0.4
053	8/1/2023 11:01:23	0.4	0.4	0.4
054	8/1/2023 11:02:23	0.4	0.4	0.4
055	8/1/2023 11:03:23	0.4	0.4	0.4
056	8/1/2023 11:04:23	0.4	0.4	0.4
057	8/1/2023 11:05:23	0.4	0.4	0.4
058	8/1/2023 11:06:23	0.4	0.4	0.4

059	8/1/2023 11:07:23	0.4	0.4	0.4
060	8/1/2023 11:08:23	0.4	0.4	0.4
061	8/1/2023 11:09:23	0.4	0.4	0.4
062	8/1/2023 11:10:23	0.4	0.4	0.4
063	8/1/2023 11:11:23	0.4	0.4	0.4
064	8/1/2023 11:12:23	0.4	0.4	0.4
065	8/1/2023 11:13:23	0.4	0.4	0.4
066	8/1/2023 11:14:23	0.4	0.4	0.4
067	8/1/2023 11:15:23	0.4	0.4	0.4
068	8/1/2023 11:16:23	0.4	0.4	0.4
069	8/1/2023 11:17:23	0.4	0.4	0.4
070	8/1/2023 11:18:23	0.4	0.4	0.4
071	8/1/2023 11:19:23	0.4	0.4	0.4
072	8/1/2023 11:20:23	0.4	0.4	0.4
073	8/1/2023 11:21:23	0.4	0.4	0.4
074	8/1/2023 11:22:23	0.4	0.4	0.4
075	8/1/2023 11:23:23	0.4	0.4	0.4
076	8/1/2023 11:24:23	0.4	0.4	0.4
077	8/1/2023 11:25:23	0.4	0.4	0.4
078	8/1/2023 11:26:23	0.4	0.4	0.4
079	8/1/2023 11:27:23	0.4	0.4	0.4
080	8/1/2023 11:28:23	0.4	0.4	0.4
081	8/1/2023 11:29:23	0.4	0.4	0.4
082	8/1/2023 11:30:23	0.4	0.4	0.4
083	8/1/2023 11:31:23	0.4	0.4	0.4
084	8/1/2023 11:32:23	0.4	0.4	0.4
085	8/1/2023 11:33:23	0.4	0.4	0.4
086	8/1/2023 11:34:23	0.4	0.4	0.4
087	8/1/2023 11:35:23	0.4	0.4	0.4
088	8/1/2023 11:36:23	0.4	0.4	0.4
089	8/1/2023 11:37:23	0.4	0.4	0.4
090	8/1/2023 11:38:23	0.4	0.4	0.4
091	8/1/2023 11:39:23	0.4	0.4	0.4
092	8/1/2023 11:40:23	0.4	0.4	0.4
093	8/1/2023 11:41:23	0.4	0.4	0.4
094	8/1/2023 11:42:23	0.4	0.4	0.4
095	8/1/2023 11:43:23	0.4	0.4	0.4
096	8/1/2023 11:44:23	0.4	0.4	0.4
097	8/1/2023 11:45:23	0.4	0.5	0.4
098	8/1/2023 11:46:23	0.4	0.4	0.4
099	8/1/2023 11:47:23	0.4	0.4	0.4
100	8/1/2023 11:48:23	0.4	0.4	0.4
101	8/1/2023 11:49:23	0.4	0.4	0.4
102	8/1/2023 11:50:23	0.4	0.4	0.4
103	8/1/2023 11:51:23	0.4	0.4	0.4
104	8/1/2023 11:52:23	0.4	0.4	0.4
105	8/1/2023 11:53:23	0.4	0.4	0.4
106	8/1/2023 11:54:23	0.4	0.4	0.4
107	8/1/2023 11:55:23	0.4	0.4	0.4
108	8/1/2023 11:56:23	0.4	0.4	0.4

109	8/1/2023 11:57:23	0.4	0.4	0.4
110	8/1/2023 11:58:23	0.4	0.4	0.4
111	8/1/2023 11:59:23	0.4	0.4	0.4
112	8/1/2023 12:00:23	0.4	0.4	0.4
113	8/1/2023 12:01:23	0.4	0.4	0.4
114	8/1/2023 12:02:23	0.4	0.4	0.4
115	8/1/2023 12:03:23	0.4	0.4	0.4
116	8/1/2023 12:04:23	0.4	0.4	0.4
117	8/1/2023 12:05:23	0.4	0.4	0.4
118	8/1/2023 12:06:23	0.4	0.4	0.4
119	8/1/2023 12:07:23	0.4	0.4	0.4
120	8/1/2023 12:08:23	0.4	0.4	0.4
121	8/1/2023 12:09:23	0.4	0.4	0.4
122	8/1/2023 12:10:23	0.4	0.4	0.4
123	8/1/2023 12:11:23	0.4	0.4	0.4
124	8/1/2023 12:12:23	0.4	0.4	0.4
125	8/1/2023 12:13:23	0.4	0.4	0.4
126	8/1/2023 12:14:23	0.4	0.4	0.4
127	8/1/2023 12:15:23	0.4	0.4	0.4
128	8/1/2023 12:16:23	0.4	0.4	0.4
129	8/1/2023 12:17:23	0.4	0.4	0.4
130	8/1/2023 12:18:23	0.4	0.4	0.4
131	8/1/2023 12:19:23	0.4	0.4	0.4
132	8/1/2023 12:20:23	0.4	0.4	0.4
133	8/1/2023 12:21:23	0.4	0.4	0.4
134	8/1/2023 12:22:23	0.4	0.4	0.4
135	8/1/2023 12:23:23	0.4	0.5	0.5
136	8/1/2023 12:24:23	0.5	0.5	0.5
137	8/1/2023 12:25:23	0.5	0.5	0.5
138	8/1/2023 12:26:23	0.5	0.5	0.5
139	8/1/2023 12:27:23	0.5	0.5	0.5
140	8/1/2023 12:28:23	0.5	0.5	0.5
141	8/1/2023 12:29:23	0.5	0.5	0.5
142	8/1/2023 12:30:23	0.5	0.5	0.5
143	8/1/2023 12:31:23	0.5	0.5	0.4
144	8/1/2023 12:32:23	0.4	0.5	0.4
145	8/1/2023 12:33:23	0.4	0.5	0.4
146	8/1/2023 12:34:23	0.4	0.5	0.5
147	8/1/2023 12:35:23	0.4	0.5	0.5
148	8/1/2023 12:36:23	0.4	0.5	0.4
149	8/1/2023 12:37:23	0.4	0.4	0.4
150	8/1/2023 12:38:23	0.4	0.4	0.4
151	8/1/2023 12:39:23	0.4	0.5	0.4
152	8/1/2023 12:40:23	0.4	0.4	0.4
153	8/1/2023 12:41:23	0.4	0.4	0.4
154	8/1/2023 12:42:23	0.4	0.4	0.4
155	8/1/2023 12:43:23	0.4	0.5	0.4
156	8/1/2023 12:44:23	0.4	0.5	0.4
157	8/1/2023 12:45:23	0.4	0.4	0.4
158	8/1/2023 12:46:23	0.4	0.4	0.4

159	8/1/2023 12:47:23	0.4	0.4	0.4
160	8/1/2023 12:48:23	0.4	0.4	0.4
161	8/1/2023 12:49:23	0.4	0.4	0.4
162	8/1/2023 12:50:23	0.4	0.4	0.4
163	8/1/2023 12:51:23	0.4	0.4	0.4
164	8/1/2023 12:52:23	0.4	0.4	0.4
165	8/1/2023 12:53:23	0.4	0.4	0.4
166	8/1/2023 12:54:23	0.4	0.5	0.4
167	8/1/2023 12:55:23	0.4	0.5	0.5
168	8/1/2023 12:56:23	0.5	0.5	0.5
169	8/1/2023 12:57:23	0.5	0.5	0.5
170	8/1/2023 12:58:23	0.4	0.5	0.4
171	8/1/2023 12:59:23	0.4	0.5	0.4
172	8/1/2023 13:00:23	0.4	0.5	0.4
173	8/1/2023 13:01:23	0.4	0.4	0.4
Peak		0.5	0.5	0.5
Min		0.1	0.1	0.1
Average		0.4	0.4	0.4

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	8/1/2023 10:09:23	0.0	---
002	8/1/2023 10:10:23	0.0	---
003	8/1/2023 10:11:23	0.0	---
004	8/1/2023 10:12:23	0.0	---
005	8/1/2023 10:13:23	0.0	---
006	8/1/2023 10:14:23	0.0	---
007	8/1/2023 10:15:23	0.0	---
008	8/1/2023 10:16:23	0.0	---
009	8/1/2023 10:17:23	0.0	---
010	8/1/2023 10:18:23	0.0	---
011	8/1/2023 10:19:23	0.0	---
012	8/1/2023 10:20:23	0.0	---
013	8/1/2023 10:21:23	0.0	---
014	8/1/2023 10:22:23	0.0	---
015	8/1/2023 10:23:23	0.0	0.1
016	8/1/2023 10:24:23	0.0	0.2
017	8/1/2023 10:25:23	0.0	0.2
018	8/1/2023 10:26:23	0.0	0.2
019	8/1/2023 10:27:23	0.0	0.2
020	8/1/2023 10:28:23	0.0	0.2
021	8/1/2023 10:29:23	0.0	0.2
022	8/1/2023 10:30:23	0.0	0.2
023	8/1/2023 10:31:23	0.0	0.2
024	8/1/2023 10:32:23	0.0	0.2
025	8/1/2023 10:33:23	0.0	0.2
026	8/1/2023 10:34:23	0.0	0.2
027	8/1/2023 10:35:23	0.0	0.2

028	8/1/2023 10:36:23	0.0	0.2
029	8/1/2023 10:37:23	0.0	0.2
030	8/1/2023 10:38:23	0.0	0.2
031	8/1/2023 10:39:23	0.0	0.2
032	8/1/2023 10:40:23	0.0	0.2
033	8/1/2023 10:41:23	0.0	0.2
034	8/1/2023 10:42:23	0.0	0.2
035	8/1/2023 10:43:23	0.0	0.2
036	8/1/2023 10:44:23	0.0	0.2
037	8/1/2023 10:45:23	0.0	0.3
038	8/1/2023 10:46:23	0.0	0.3
039	8/1/2023 10:47:23	0.0	0.3
040	8/1/2023 10:48:23	0.0	0.3
041	8/1/2023 10:49:23	0.0	0.3
042	8/1/2023 10:50:23	0.0	0.3
043	8/1/2023 10:51:23	0.0	0.3
044	8/1/2023 10:52:23	0.0	0.3
045	8/1/2023 10:53:23	0.0	0.3
046	8/1/2023 10:54:23	0.0	0.3
047	8/1/2023 10:55:23	0.0	0.3
048	8/1/2023 10:56:23	0.0	0.4
049	8/1/2023 10:57:23	0.0	0.4
050	8/1/2023 10:58:23	0.0	0.4
051	8/1/2023 10:59:23	0.0	0.4
052	8/1/2023 11:00:23	0.0	0.4
053	8/1/2023 11:01:23	0.0	0.4
054	8/1/2023 11:02:23	0.0	0.4
055	8/1/2023 11:03:23	0.0	0.4
056	8/1/2023 11:04:23	0.0	0.4
057	8/1/2023 11:05:23	0.0	0.4
058	8/1/2023 11:06:23	0.0	0.4
059	8/1/2023 11:07:23	0.0	0.4
060	8/1/2023 11:08:23	0.0	0.4
061	8/1/2023 11:09:23	0.0	0.4
062	8/1/2023 11:10:23	0.0	0.4
063	8/1/2023 11:11:23	0.0	0.4
064	8/1/2023 11:12:23	0.0	0.4
065	8/1/2023 11:13:23	0.0	0.4
066	8/1/2023 11:14:23	0.0	0.4
067	8/1/2023 11:15:23	0.0	0.4
068	8/1/2023 11:16:23	0.0	0.4
069	8/1/2023 11:17:23	0.0	0.4
070	8/1/2023 11:18:23	0.0	0.4
071	8/1/2023 11:19:23	0.0	0.4
072	8/1/2023 11:20:23	0.0	0.4
073	8/1/2023 11:21:23	0.0	0.4
074	8/1/2023 11:22:23	0.0	0.4
075	8/1/2023 11:23:23	0.0	0.4
076	8/1/2023 11:24:23	0.0	0.4
077	8/1/2023 11:25:23	0.0	0.4

078	8/1/2023 11:26:23	0.0	0.4
079	8/1/2023 11:27:23	0.0	0.4
080	8/1/2023 11:28:23	0.0	0.4
081	8/1/2023 11:29:23	0.1	0.4
082	8/1/2023 11:30:23	0.1	0.4
083	8/1/2023 11:31:23	0.1	0.4
084	8/1/2023 11:32:23	0.1	0.4
085	8/1/2023 11:33:23	0.1	0.4
086	8/1/2023 11:34:23	0.1	0.4
087	8/1/2023 11:35:23	0.1	0.4
088	8/1/2023 11:36:23	0.1	0.4
089	8/1/2023 11:37:23	0.1	0.4
090	8/1/2023 11:38:23	0.1	0.4
091	8/1/2023 11:39:23	0.1	0.4
092	8/1/2023 11:40:23	0.1	0.4
093	8/1/2023 11:41:23	0.1	0.4
094	8/1/2023 11:42:23	0.1	0.4
095	8/1/2023 11:43:23	0.1	0.4
096	8/1/2023 11:44:23	0.1	0.4
097	8/1/2023 11:45:23	0.1	0.4
098	8/1/2023 11:46:23	0.1	0.4
099	8/1/2023 11:47:23	0.1	0.4
100	8/1/2023 11:48:23	0.1	0.4
101	8/1/2023 11:49:23	0.1	0.4
102	8/1/2023 11:50:23	0.1	0.4
103	8/1/2023 11:51:23	0.1	0.4
104	8/1/2023 11:52:23	0.1	0.4
105	8/1/2023 11:53:23	0.1	0.4
106	8/1/2023 11:54:23	0.1	0.4
107	8/1/2023 11:55:23	0.1	0.4
108	8/1/2023 11:56:23	0.1	0.4
109	8/1/2023 11:57:23	0.1	0.4
110	8/1/2023 11:58:23	0.1	0.4
111	8/1/2023 11:59:23	0.1	0.4
112	8/1/2023 12:00:23	0.1	0.4
113	8/1/2023 12:01:23	0.1	0.4
114	8/1/2023 12:02:23	0.1	0.4
115	8/1/2023 12:03:23	0.1	0.4
116	8/1/2023 12:04:23	0.1	0.4
117	8/1/2023 12:05:23	0.1	0.4
118	8/1/2023 12:06:23	0.1	0.4
119	8/1/2023 12:07:23	0.1	0.4
120	8/1/2023 12:08:23	0.1	0.4
121	8/1/2023 12:09:23	0.1	0.4
122	8/1/2023 12:10:23	0.1	0.4
123	8/1/2023 12:11:23	0.1	0.4
124	8/1/2023 12:12:23	0.1	0.4
125	8/1/2023 12:13:23	0.1	0.4
126	8/1/2023 12:14:23	0.1	0.4
127	8/1/2023 12:15:23	0.1	0.4

128	8/1/2023 12:16:23	0.1	0.4
129	8/1/2023 12:17:23	0.1	0.4
130	8/1/2023 12:18:23	0.1	0.4
131	8/1/2023 12:19:23	0.1	0.4
132	8/1/2023 12:20:23	0.1	0.4
133	8/1/2023 12:21:23	0.1	0.4
134	8/1/2023 12:22:23	0.1	0.4
135	8/1/2023 12:23:23	0.1	0.4
136	8/1/2023 12:24:23	0.1	0.4
137	8/1/2023 12:25:23	0.1	0.4
138	8/1/2023 12:26:23	0.1	0.5
139	8/1/2023 12:27:23	0.1	0.5
140	8/1/2023 12:28:23	0.1	0.5
141	8/1/2023 12:29:23	0.1	0.5
142	8/1/2023 12:30:23	0.1	0.5
143	8/1/2023 12:31:23	0.1	0.5
144	8/1/2023 12:32:23	0.1	0.5
145	8/1/2023 12:33:23	0.1	0.5
146	8/1/2023 12:34:23	0.1	0.5
147	8/1/2023 12:35:23	0.1	0.5
148	8/1/2023 12:36:23	0.1	0.5
149	8/1/2023 12:37:23	0.1	0.5
150	8/1/2023 12:38:23	0.1	0.5
151	8/1/2023 12:39:23	0.1	0.5
152	8/1/2023 12:40:23	0.1	0.5
153	8/1/2023 12:41:23	0.1	0.5
154	8/1/2023 12:42:23	0.1	0.5
155	8/1/2023 12:43:23	0.1	0.5
156	8/1/2023 12:44:23	0.1	0.5
157	8/1/2023 12:45:23	0.1	0.4
158	8/1/2023 12:46:23	0.1	0.4
159	8/1/2023 12:47:23	0.1	0.4
160	8/1/2023 12:48:23	0.1	0.4
161	8/1/2023 12:49:23	0.1	0.4
162	8/1/2023 12:50:23	0.1	0.4
163	8/1/2023 12:51:23	0.1	0.4
164	8/1/2023 12:52:23	0.1	0.4
165	8/1/2023 12:53:23	0.1	0.4
166	8/1/2023 12:54:23	0.1	0.4
167	8/1/2023 12:55:23	0.1	0.4
168	8/1/2023 12:56:23	0.1	0.4
169	8/1/2023 12:57:23	0.1	0.4
170	8/1/2023 12:58:23	0.1	0.4
171	8/1/2023 12:59:23	0.1	0.4
172	8/1/2023 13:00:23	0.1	0.4
173	8/1/2023 13:01:23	0.1	0.4

Downwind

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23/08/01 09:22
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Summary

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-926583
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID RAE00000
User ID USER0000

Begin 8/1/2023 9:22
End 8/1/2023 12:06
Sample Period(s) 60
Number of Records 165

Sensor PID(ppm)
Sensor SN S023030275V9
Measure Type Avg
Span 100
Span 2 1000
Low Alarm 50
High Alarm 100
Over Alarm 15000
STEL Alarm 25
TWA Alarm 10
Measurement Gas Isobutylene
Calibration Time 6/27/2023 10:28
Peak 0
Min 0
Average 0

****

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)

1	8/1/2023 9:22	0	0	0
2	8/1/2023 9:23	0	0	0
3	8/1/2023 9:24	0	0	0
4	8/1/2023 9:25	0	0	0
5	8/1/2023 9:26	0	0	0
6	8/1/2023 9:27	0	0	0
7	8/1/2023 9:28	0	0	0
8	8/1/2023 9:29	0	0	0
9	8/1/2023 9:30	0	0	0
10	8/1/2023 9:31	0	0	0
11	8/1/2023 9:32	0	0	0
12	8/1/2023 9:33	0	0	0
13	8/1/2023 9:34	0	0	0
14	8/1/2023 9:35	0	0	0
15	8/1/2023 9:36	0	0	0
16	8/1/2023 9:37	0	0	0
17	8/1/2023 9:38	0	0	0
18	8/1/2023 9:39	0	0	0
19	8/1/2023 9:40	0	0	0
20	8/1/2023 9:41	0	0	0
21	8/1/2023 9:42	0	0	0
22	8/1/2023 9:43	0	0	0
23	8/1/2023 9:44	0	0	0
24	8/1/2023 9:45	0	0	0
25	8/1/2023 9:46	0	0	0
26	8/1/2023 9:47	0	0	0
27	8/1/2023 9:48	0	0	0
28	8/1/2023 9:49	0	0	0
29	8/1/2023 9:50	0	0	0
30	8/1/2023 9:51	0	0	0
31	8/1/2023 9:52	0	0	0
32	8/1/2023 9:53	0	0	0
33	8/1/2023 9:54	0	0	0
34	8/1/2023 9:55	0	0	0
35	8/1/2023 9:56	0	0	0
36	8/1/2023 9:57	0	0	0
37	8/1/2023 9:58	0	0	0
38	8/1/2023 9:59	0	0	0
39	8/1/2023 10:00	0	0	0
40	8/1/2023 10:01	0	0	0
41	8/1/2023 10:02	0	0	0
42	8/1/2023 10:03	0	0	0
43	8/1/2023 10:04	0	0	0
44	8/1/2023 10:05	0	0	0
45	8/1/2023 10:06	0	0	0
46	8/1/2023 10:07	0	0	0
47	8/1/2023 10:08	0	0	0
48	8/1/2023 10:09	0	0	0
49	8/1/2023 10:10	0	0	0
50	8/1/2023 10:11	0	0	0

51	8/1/2023 10:12	0	0	0
52	8/1/2023 10:13	0	0	0
53	8/1/2023 10:14	0	0	0
54	8/1/2023 10:15	0	0	0
55	8/1/2023 10:16	0	0	0
56	8/1/2023 10:17	0	0	0
57	8/1/2023 10:18	0	0	0
58	8/1/2023 10:19	0	0	0
59	8/1/2023 10:20	0	0	0
60	8/1/2023 10:21	0	0	0
61	8/1/2023 10:22	0	0	0
62	8/1/2023 10:23	0	0	0
63	8/1/2023 10:24	0	0	0
64	8/1/2023 10:25	0	0	0
65	8/1/2023 10:26	0	0	0
66	8/1/2023 10:27	0	0	0
67	8/1/2023 10:28	0	0	0
68	8/1/2023 10:29	0	0	0
69	8/1/2023 10:30	0	0	0
70	8/1/2023 10:31	0	0	0
71	8/1/2023 10:32	0	0	0
72	8/1/2023 10:33	0	0	0
73	8/1/2023 10:34	0	0	0
74	8/1/2023 10:35	0	0	0
75	8/1/2023 10:36	0	0	0
76	8/1/2023 10:37	0	0	0
77	8/1/2023 10:38	0	0	0
78	8/1/2023 10:39	0	0	0
79	8/1/2023 10:40	0	0	0
80	8/1/2023 10:41	0	0	0
81	8/1/2023 10:42	0	0	0
82	8/1/2023 10:43	0	0	0
83	8/1/2023 10:44	0	0	0
84	8/1/2023 10:45	0	0	0
85	8/1/2023 10:46	0	0	0
86	8/1/2023 10:47	0	0	0
87	8/1/2023 10:48	0	0	0
88	8/1/2023 10:49	0	0	0
89	8/1/2023 10:50	0	0	0
90	8/1/2023 10:51	0	0	0
91	8/1/2023 10:52	0	0	0
92	8/1/2023 10:53	0	0	0
93	8/1/2023 10:54	0	0	0
94	8/1/2023 10:55	0	0	0
95	8/1/2023 10:56	0	0	0
96	8/1/2023 10:57	0	0	0
97	8/1/2023 10:58	0	0	0
98	8/1/2023 10:59	0	0	0
99	8/1/2023 11:00	0	0	0
100	8/1/2023 11:01	0	0	0

101	8/1/2023 11:02	0	0	0
102	8/1/2023 11:03	0	0	0
103	8/1/2023 11:04	0	0	0
104	8/1/2023 11:05	0	0	0
105	8/1/2023 11:06	0	0	0
106	8/1/2023 11:07	0	0	0
107	8/1/2023 11:08	0	0	0
108	8/1/2023 11:09	0	0	0
109	8/1/2023 11:10	0	0	0
110	8/1/2023 11:11	0	0	0
111	8/1/2023 11:12	0	0	0
112	8/1/2023 11:13	0	0	0
113	8/1/2023 11:14	0	0	0
114	8/1/2023 11:15	0	0	0
115	8/1/2023 11:16	0	0	0
116	8/1/2023 11:17	0	0	0
117	8/1/2023 11:18	0	0	0
118	8/1/2023 11:19	0	0	0
119	8/1/2023 11:20	0	0	0
120	8/1/2023 11:21	0	0	0
121	8/1/2023 11:22	0	0	0
122	8/1/2023 11:23	0	0	0
123	8/1/2023 11:24	0	0	0
124	8/1/2023 11:25	0	0	0
125	8/1/2023 11:26	0	0	0
126	8/1/2023 11:27	0	0	0
127	8/1/2023 11:28	0	0	0
128	8/1/2023 11:29	0	0	0
129	8/1/2023 11:30	0	0	0
130	8/1/2023 11:31	0	0	0
131	8/1/2023 11:32	0	0	0
132	8/1/2023 11:33	0	0	0
133	8/1/2023 11:34	0	0	0
134	8/1/2023 11:35	0	0	0
135	8/1/2023 11:36	0	0	0
136	8/1/2023 11:37	0	0	0
137	8/1/2023 11:38	0	0	0
138	8/1/2023 11:39	0	0	0
139	8/1/2023 11:40	0	0	0
140	8/1/2023 11:41	0	0	0
141	8/1/2023 11:42	0	0	0
142	8/1/2023 11:43	0	0	0
143	8/1/2023 11:44	0	0	0
144	8/1/2023 11:45	0	0	0
145	8/1/2023 11:46	0	0	0
146	8/1/2023 11:47	0	0	0
147	8/1/2023 11:48	0	0	0
148	8/1/2023 11:49	0	0	0
149	8/1/2023 11:50	0	0	0
150	8/1/2023 11:51	0	0	0

151	8/1/2023 11:52	0	0	0
152	8/1/2023 11:53	0	0	0
153	8/1/2023 11:54	0	0	0
154	8/1/2023 11:55	0	0	0
155	8/1/2023 11:56	0	0	0
156	8/1/2023 11:57	0	0	0
157	8/1/2023 11:58	0	0	0
158	8/1/2023 11:59	0	0	0
159	8/1/2023 12:00	0	0	0
160	8/1/2023 12:01	0	0	0
161	8/1/2023 12:02	0	0	0
162	8/1/2023 12:03	0	0	0
163	8/1/2023 12:04	0	0	0
164	8/1/2023 12:05	0	0	0
165	8/1/2023 12:06	0	0	0
Peak		0	0	0
Min		0	0	0
Average		0	0	0

****

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
1	8/1/2023 9:22	0	---
2	8/1/2023 9:23	0	---
3	8/1/2023 9:24	0	---
4	8/1/2023 9:25	0	---
5	8/1/2023 9:26	0	---
6	8/1/2023 9:27	0	---
7	8/1/2023 9:28	0	---
8	8/1/2023 9:29	0	---
9	8/1/2023 9:30	0	---
10	8/1/2023 9:31	0	---
11	8/1/2023 9:32	0	---
12	8/1/2023 9:33	0	---
13	8/1/2023 9:34	0	---
14	8/1/2023 9:35	0	---
15	8/1/2023 9:36	0	0
16	8/1/2023 9:37	0	0
17	8/1/2023 9:38	0	0
18	8/1/2023 9:39	0	0
19	8/1/2023 9:40	0	0
20	8/1/2023 9:41	0	0
21	8/1/2023 9:42	0	0
22	8/1/2023 9:43	0	0
23	8/1/2023 9:44	0	0
24	8/1/2023 9:45	0	0
25	8/1/2023 9:46	0	0
26	8/1/2023 9:47	0	0

27	8/1/2023 9:48	0	0
28	8/1/2023 9:49	0	0
29	8/1/2023 9:50	0	0
30	8/1/2023 9:51	0	0
31	8/1/2023 9:52	0	0
32	8/1/2023 9:53	0	0
33	8/1/2023 9:54	0	0
34	8/1/2023 9:55	0	0
35	8/1/2023 9:56	0	0
36	8/1/2023 9:57	0	0
37	8/1/2023 9:58	0	0
38	8/1/2023 9:59	0	0
39	8/1/2023 10:00	0	0
40	8/1/2023 10:01	0	0
41	8/1/2023 10:02	0	0
42	8/1/2023 10:03	0	0
43	8/1/2023 10:04	0	0
44	8/1/2023 10:05	0	0
45	8/1/2023 10:06	0	0
46	8/1/2023 10:07	0	0
47	8/1/2023 10:08	0	0
48	8/1/2023 10:09	0	0
49	8/1/2023 10:10	0	0
50	8/1/2023 10:11	0	0
51	8/1/2023 10:12	0	0
52	8/1/2023 10:13	0	0
53	8/1/2023 10:14	0	0
54	8/1/2023 10:15	0	0
55	8/1/2023 10:16	0	0
56	8/1/2023 10:17	0	0
57	8/1/2023 10:18	0	0
58	8/1/2023 10:19	0	0
59	8/1/2023 10:20	0	0
60	8/1/2023 10:21	0	0
61	8/1/2023 10:22	0	0
62	8/1/2023 10:23	0	0
63	8/1/2023 10:24	0	0
64	8/1/2023 10:25	0	0
65	8/1/2023 10:26	0	0
66	8/1/2023 10:27	0	0
67	8/1/2023 10:28	0	0
68	8/1/2023 10:29	0	0
69	8/1/2023 10:30	0	0
70	8/1/2023 10:31	0	0
71	8/1/2023 10:32	0	0
72	8/1/2023 10:33	0	0
73	8/1/2023 10:34	0	0
74	8/1/2023 10:35	0	0
75	8/1/2023 10:36	0	0
76	8/1/2023 10:37	0	0

77	8/1/2023 10:38	0	0
78	8/1/2023 10:39	0	0
79	8/1/2023 10:40	0	0
80	8/1/2023 10:41	0	0
81	8/1/2023 10:42	0	0
82	8/1/2023 10:43	0	0
83	8/1/2023 10:44	0	0
84	8/1/2023 10:45	0	0
85	8/1/2023 10:46	0	0
86	8/1/2023 10:47	0	0
87	8/1/2023 10:48	0	0
88	8/1/2023 10:49	0	0
89	8/1/2023 10:50	0	0
90	8/1/2023 10:51	0	0
91	8/1/2023 10:52	0	0
92	8/1/2023 10:53	0	0
93	8/1/2023 10:54	0	0
94	8/1/2023 10:55	0	0
95	8/1/2023 10:56	0	0
96	8/1/2023 10:57	0	0
97	8/1/2023 10:58	0	0
98	8/1/2023 10:59	0	0
99	8/1/2023 11:00	0	0
100	8/1/2023 11:01	0	0
101	8/1/2023 11:02	0	0
102	8/1/2023 11:03	0	0
103	8/1/2023 11:04	0	0
104	8/1/2023 11:05	0	0
105	8/1/2023 11:06	0	0
106	8/1/2023 11:07	0	0
107	8/1/2023 11:08	0	0
108	8/1/2023 11:09	0	0
109	8/1/2023 11:10	0	0
110	8/1/2023 11:11	0	0
111	8/1/2023 11:12	0	0
112	8/1/2023 11:13	0	0
113	8/1/2023 11:14	0	0
114	8/1/2023 11:15	0	0
115	8/1/2023 11:16	0	0
116	8/1/2023 11:17	0	0
117	8/1/2023 11:18	0	0
118	8/1/2023 11:19	0	0
119	8/1/2023 11:20	0	0
120	8/1/2023 11:21	0	0
121	8/1/2023 11:22	0	0
122	8/1/2023 11:23	0	0
123	8/1/2023 11:24	0	0
124	8/1/2023 11:25	0	0
125	8/1/2023 11:26	0	0
126	8/1/2023 11:27	0	0

127	8/1/2023 11:28	0	0
128	8/1/2023 11:29	0	0
129	8/1/2023 11:30	0	0
130	8/1/2023 11:31	0	0
131	8/1/2023 11:32	0	0
132	8/1/2023 11:33	0	0
133	8/1/2023 11:34	0	0
134	8/1/2023 11:35	0	0
135	8/1/2023 11:36	0	0
136	8/1/2023 11:37	0	0
137	8/1/2023 11:38	0	0
138	8/1/2023 11:39	0	0
139	8/1/2023 11:40	0	0
140	8/1/2023 11:41	0	0
141	8/1/2023 11:42	0	0
142	8/1/2023 11:43	0	0
143	8/1/2023 11:44	0	0
144	8/1/2023 11:45	0	0
145	8/1/2023 11:46	0	0
146	8/1/2023 11:47	0	0
147	8/1/2023 11:48	0	0
148	8/1/2023 11:49	0	0
149	8/1/2023 11:50	0	0
150	8/1/2023 11:51	0	0
151	8/1/2023 11:52	0	0
152	8/1/2023 11:53	0	0
153	8/1/2023 11:54	0	0
154	8/1/2023 11:55	0	0
155	8/1/2023 11:56	0	0
156	8/1/2023 11:57	0	0
157	8/1/2023 11:58	0	0
158	8/1/2023 11:59	0	0
159	8/1/2023 12:00	0	0
160	8/1/2023 12:01	0	0
161	8/1/2023 12:02	0	0
162	8/1/2023 12:03	0	0
163	8/1/2023 12:04	0	0
164	8/1/2023 12:05	0	0
165	8/1/2023 12:06	0	0

Work

```
============================================================
23/08/01 09:29
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000 +(PGM-7320)
Unit SN 592-603121
Unit Firmware Ver       V2.22A
------------------------------------------------------------
Running Mode    Hygiene Mode
Datalog Mode    Auto
Diagnostic Mode No
Stop Reason     Power Down
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   8/1/2023 09:29:19
End     8/1/2023 14:30:49
Sample Period(s)        60
Number of Records       301
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN       S023030119D2
Measure Type    Avg; Max; Real
Span    100.0
Span 2  1000.0
Low Alarm       50.0
High Alarm      100.0
Over Alarm      15000.0
STEL Alarm      100.0
TWA Alarm       50.0
Measurement Gas Isobutylene
Calibration Time        7/25/2023 15:15
Peak    0.2
Min     0.0
Average 0.1

************************************************************
Datalog
                PID(ppm)        PID(ppm)        PID(ppm)
Index   Date/Time       (Avg)   (Max)   (Real)
001     8/1/2023 09:30:19       0.0     0.0     0.0
002     8/1/2023 09:31:19       0.0     0.0     0.0
003     8/1/2023 09:32:19       0.0     0.0     0.0
004     8/1/2023 09:33:19       0.0     0.0     0.0
005     8/1/2023 09:34:19       0.0     0.0     0.0
006     8/1/2023 09:35:19       0.0     0.0     0.0
007     8/1/2023 09:36:19       0.0     0.0     0.0
008     8/1/2023 09:37:19       0.0     0.0     0.0
```

009	8/1/2023 09:38:19	0.0	0.0	0.0
010	8/1/2023 09:39:19	0.0	0.0	0.0
011	8/1/2023 09:40:19	0.0	0.0	0.0
012	8/1/2023 09:41:19	0.0	0.0	0.0
013	8/1/2023 09:42:19	0.0	0.0	0.0
014	8/1/2023 09:43:19	0.0	0.0	0.0
015	8/1/2023 09:44:19	0.0	0.0	0.0
016	8/1/2023 09:45:19	0.0	0.0	0.0
017	8/1/2023 09:46:19	0.0	0.0	0.0
018	8/1/2023 09:47:19	0.0	0.0	0.0
019	8/1/2023 09:48:19	0.0	0.0	0.0
020	8/1/2023 09:49:19	0.0	0.0	0.0
021	8/1/2023 09:50:19	0.0	0.0	0.0
022	8/1/2023 09:51:19	0.0	0.0	0.0
023	8/1/2023 09:52:19	0.0	0.0	0.0
024	8/1/2023 09:53:19	0.0	0.0	0.0
025	8/1/2023 09:54:19	0.0	0.0	0.0
026	8/1/2023 09:55:19	0.0	0.0	0.0
027	8/1/2023 09:56:19	0.0	0.0	0.0
028	8/1/2023 09:57:19	0.0	0.0	0.0
029	8/1/2023 09:58:19	0.0	0.0	0.0
030	8/1/2023 09:59:19	0.0	0.0	0.0
031	8/1/2023 10:00:19	0.0	0.0	0.0
032	8/1/2023 10:01:19	0.0	0.0	0.0
033	8/1/2023 10:02:19	0.0	0.0	0.0
034	8/1/2023 10:03:19	0.0	0.0	0.0
035	8/1/2023 10:04:19	0.0	0.0	0.0
036	8/1/2023 10:05:19	0.0	0.0	0.0
037	8/1/2023 10:06:19	0.0	0.0	0.0
038	8/1/2023 10:07:19	0.0	0.0	0.0
039	8/1/2023 10:08:19	0.0	0.0	0.0
040	8/1/2023 10:09:19	0.0	0.1	0.0
041	8/1/2023 10:10:19	0.0	0.1	0.0
042	8/1/2023 10:11:19	0.1	0.1	0.1
043	8/1/2023 10:12:19	0.1	0.1	0.1
044	8/1/2023 10:13:19	0.1	0.1	0.1
045	8/1/2023 10:14:19	0.1	0.1	0.1
046	8/1/2023 10:15:19	0.1	0.1	0.1
047	8/1/2023 10:16:19	0.1	0.1	0.1
048	8/1/2023 10:17:19	0.1	0.1	0.1
049	8/1/2023 10:18:19	0.1	0.1	0.1
050	8/1/2023 10:19:19	0.1	0.1	0.1
051	8/1/2023 10:20:19	0.1	0.1	0.1
052	8/1/2023 10:21:19	0.1	0.1	0.1
053	8/1/2023 10:22:19	0.1	0.1	0.1
054	8/1/2023 10:23:19	0.1	0.1	0.1
055	8/1/2023 10:24:19	0.1	0.1	0.1
056	8/1/2023 10:25:19	0.1	0.1	0.1
057	8/1/2023 10:26:19	0.1	0.1	0.1
058	8/1/2023 10:27:19	0.1	0.1	0.1

059	8/1/2023 10:28:19	0.1	0.1	0.1
060	8/1/2023 10:29:19	0.1	0.2	0.1
061	8/1/2023 10:30:19	0.1	0.1	0.1
062	8/1/2023 10:31:19	0.1	0.1	0.1
063	8/1/2023 10:32:19	0.1	0.1	0.1
064	8/1/2023 10:33:19	0.1	0.1	0.1
065	8/1/2023 10:34:19	0.1	0.1	0.1
066	8/1/2023 10:35:19	0.1	0.1	0.1
067	8/1/2023 10:36:19	0.1	0.1	0.1
068	8/1/2023 10:37:19	0.1	0.1	0.1
069	8/1/2023 10:38:19	0.1	0.1	0.1
070	8/1/2023 10:39:19	0.1	0.2	0.2
071	8/1/2023 10:40:19	0.1	0.2	0.1
072	8/1/2023 10:41:19	0.1	0.2	0.2
073	8/1/2023 10:42:19	0.2	0.2	0.2
074	8/1/2023 10:43:19	0.2	0.2	0.2
075	8/1/2023 10:44:19	0.2	0.2	0.2
076	8/1/2023 10:45:19	0.2	0.2	0.2
077	8/1/2023 10:46:19	0.2	0.2	0.2
078	8/1/2023 10:47:19	0.2	0.2	0.2
079	8/1/2023 10:48:19	0.2	0.2	0.2
080	8/1/2023 10:49:19	0.2	0.2	0.2
081	8/1/2023 10:50:19	0.2	0.2	0.2
082	8/1/2023 10:51:19	0.2	0.2	0.2
083	8/1/2023 10:52:19	0.2	0.2	0.2
084	8/1/2023 10:53:19	0.2	0.2	0.2
085	8/1/2023 10:54:19	0.2	0.2	0.2
086	8/1/2023 10:55:19	0.2	0.2	0.2
087	8/1/2023 10:56:19	0.2	0.2	0.2
088	8/1/2023 10:57:19	0.2	0.2	0.2
089	8/1/2023 10:58:19	0.2	0.2	0.2
090	8/1/2023 10:59:19	0.2	0.2	0.2
091	8/1/2023 11:00:19	0.2	0.2	0.2
092	8/1/2023 11:01:19	0.2	0.2	0.2
093	8/1/2023 11:02:19	0.2	0.2	0.2
094	8/1/2023 11:03:19	0.2	0.2	0.2
095	8/1/2023 11:04:19	0.2	0.2	0.2
096	8/1/2023 11:05:19	0.2	0.2	0.2
097	8/1/2023 11:06:19	0.2	0.2	0.2
098	8/1/2023 11:07:19	0.2	0.2	0.2
099	8/1/2023 11:08:19	0.2	0.2	0.2
100	8/1/2023 11:09:19	0.2	0.2	0.2
101	8/1/2023 11:10:19	0.2	0.2	0.2
102	8/1/2023 11:11:19	0.2	0.2	0.2
103	8/1/2023 11:12:19	0.2	0.2	0.2
104	8/1/2023 11:13:19	0.2	0.2	0.2
105	8/1/2023 11:14:19	0.2	0.2	0.2
106	8/1/2023 11:15:19	0.2	0.2	0.2
107	8/1/2023 11:16:19	0.2	0.2	0.2
108	8/1/2023 11:17:19	0.2	0.2	0.2

109	8/1/2023 11:18:19	0.2	0.2	0.2
110	8/1/2023 11:19:19	0.2	0.2	0.2
111	8/1/2023 11:20:19	0.2	0.2	0.2
112	8/1/2023 11:21:19	0.2	0.2	0.2
113	8/1/2023 11:22:19	0.2	0.2	0.2
114	8/1/2023 11:23:19	0.2	0.2	0.2
115	8/1/2023 11:24:19	0.2	0.2	0.2
116	8/1/2023 11:25:19	0.2	0.2	0.2
117	8/1/2023 11:26:19	0.2	0.2	0.2
118	8/1/2023 11:27:19	0.2	0.2	0.2
119	8/1/2023 11:28:19	0.2	0.2	0.2
120	8/1/2023 11:29:19	0.2	0.2	0.2
121	8/1/2023 11:30:19	0.2	0.2	0.2
122	8/1/2023 11:31:19	0.2	0.2	0.2
123	8/1/2023 11:32:19	0.2	0.2	0.2
124	8/1/2023 11:33:19	0.2	0.2	0.2
125	8/1/2023 11:34:19	0.2	0.2	0.2
126	8/1/2023 11:35:19	0.2	0.2	0.2
127	8/1/2023 11:36:19	0.2	0.2	0.2
128	8/1/2023 11:37:19	0.2	0.2	0.2
129	8/1/2023 11:38:19	0.2	0.2	0.2
130	8/1/2023 11:39:19	0.2	0.2	0.2
131	8/1/2023 11:40:19	0.2	0.2	0.2
132	8/1/2023 11:41:19	0.2	0.2	0.2
133	8/1/2023 11:42:19	0.2	0.2	0.2
134	8/1/2023 11:43:19	0.2	0.2	0.2
135	8/1/2023 11:44:19	0.2	0.2	0.2
136	8/1/2023 11:45:19	0.2	0.2	0.2
137	8/1/2023 11:46:19	0.2	0.2	0.2
138	8/1/2023 11:47:19	0.2	0.2	0.2
139	8/1/2023 11:48:19	0.2	0.2	0.2
140	8/1/2023 11:49:19	0.2	0.2	0.2
141	8/1/2023 11:50:19	0.2	0.2	0.2
142	8/1/2023 11:51:19	0.2	0.2	0.2
143	8/1/2023 11:52:19	0.2	0.2	0.2
144	8/1/2023 11:53:19	0.2	0.2	0.2
145	8/1/2023 11:54:19	0.2	0.2	0.2
146	8/1/2023 11:55:19	0.2	0.2	0.2
147	8/1/2023 11:56:19	0.2	0.2	0.2
148	8/1/2023 11:57:19	0.2	0.2	0.2
149	8/1/2023 11:58:19	0.2	0.2	0.2
150	8/1/2023 11:59:19	0.2	0.2	0.2
151	8/1/2023 12:00:19	0.2	0.2	0.2
152	8/1/2023 12:01:19	0.2	0.2	0.2
153	8/1/2023 12:02:19	0.2	0.2	0.2
154	8/1/2023 12:03:19	0.2	0.2	0.2
155	8/1/2023 12:04:19	0.2	0.2	0.2
156	8/1/2023 12:05:19	0.2	0.2	0.2
157	8/1/2023 12:06:19	0.2	0.2	0.2
158	8/1/2023 12:07:19	0.2	0.2	0.2

159	8/1/2023 12:08:19	0.2	0.2	0.2
160	8/1/2023 12:09:19	0.2	0.2	0.2
161	8/1/2023 12:10:19	0.2	0.2	0.2
162	8/1/2023 12:11:19	0.2	0.2	0.2
163	8/1/2023 12:12:19	0.2	0.2	0.2
164	8/1/2023 12:13:19	0.2	0.2	0.2
165	8/1/2023 12:14:19	0.2	0.2	0.2
166	8/1/2023 12:15:19	0.2	0.2	0.2
167	8/1/2023 12:16:19	0.2	0.2	0.2
168	8/1/2023 12:17:19	0.2	0.2	0.2
169	8/1/2023 12:18:19	0.2	0.2	0.2
170	8/1/2023 12:19:19	0.2	0.2	0.2
171	8/1/2023 12:20:19	0.2	0.2	0.2
172	8/1/2023 12:21:19	0.2	0.2	0.2
173	8/1/2023 12:22:19	0.2	0.2	0.2
174	8/1/2023 12:23:19	0.2	0.2	0.2
175	8/1/2023 12:24:19	0.2	0.2	0.2
176	8/1/2023 12:25:19	0.2	0.2	0.2
177	8/1/2023 12:26:19	0.2	0.2	0.2
178	8/1/2023 12:27:19	0.2	0.2	0.2
179	8/1/2023 12:28:19	0.2	0.2	0.2
180	8/1/2023 12:29:19	0.2	0.2	0.2
181	8/1/2023 12:30:19	0.2	0.2	0.2
182	8/1/2023 12:31:19	0.2	0.2	0.2
183	8/1/2023 12:32:19	0.2	0.2	0.2
184	8/1/2023 12:33:19	0.2	0.2	0.2
185	8/1/2023 12:34:19	0.2	0.2	0.2
186	8/1/2023 12:35:19	0.2	0.2	0.2
187	8/1/2023 12:36:19	0.2	0.2	0.2
188	8/1/2023 12:37:19	0.2	0.2	0.2
189	8/1/2023 12:38:19	0.2	0.2	0.2
190	8/1/2023 12:39:19	0.2	0.2	0.2
191	8/1/2023 12:40:19	0.2	0.2	0.2
192	8/1/2023 12:41:19	0.2	0.2	0.2
193	8/1/2023 12:42:19	0.2	0.2	0.2
194	8/1/2023 12:43:19	0.2	0.2	0.2
195	8/1/2023 12:44:19	0.2	0.2	0.2
196	8/1/2023 12:45:19	0.2	0.2	0.2
197	8/1/2023 12:46:19	0.2	0.2	0.2
198	8/1/2023 12:47:19	0.2	0.2	0.2
199	8/1/2023 12:48:19	0.2	0.2	0.2
200	8/1/2023 12:49:19	0.2	0.2	0.2
201	8/1/2023 12:50:19	0.2	0.2	0.2
202	8/1/2023 12:51:19	0.2	0.2	0.2
203	8/1/2023 12:52:19	0.2	0.2	0.2
204	8/1/2023 12:53:19	0.2	0.2	0.2
205	8/1/2023 12:54:19	0.2	0.2	0.2
206	8/1/2023 12:55:19	0.2	0.2	0.2
207	8/1/2023 12:56:19	0.2	0.2	0.2
208	8/1/2023 12:57:19	0.2	0.2	0.2

209	8/1/2023 12:58:19	0.2	0.2	0.2
210	8/1/2023 12:59:19	0.2	0.2	0.2
211	8/1/2023 13:00:19	0.2	0.2	0.2
212	8/1/2023 13:01:19	0.2	0.2	0.2
213	8/1/2023 13:02:19	0.2	0.2	0.2
214	8/1/2023 13:03:19	0.2	0.2	0.2
215	8/1/2023 13:04:19	0.2	0.2	0.2
216	8/1/2023 13:05:19	0.2	0.2	0.2
217	8/1/2023 13:06:19	0.2	0.2	0.2
218	8/1/2023 13:07:19	0.2	0.2	0.2
219	8/1/2023 13:08:19	0.2	0.2	0.2
220	8/1/2023 13:09:19	0.2	0.2	0.2
221	8/1/2023 13:10:19	0.2	0.2	0.2
222	8/1/2023 13:11:19	0.2	0.2	0.2
223	8/1/2023 13:12:19	0.2	0.2	0.2
224	8/1/2023 13:13:19	0.2	0.3	0.2
225	8/1/2023 13:14:19	0.2	0.2	0.2
226	8/1/2023 13:15:19	0.2	0.2	0.2
227	8/1/2023 13:16:19	0.2	0.2	0.2
228	8/1/2023 13:17:19	0.2	0.2	0.2
229	8/1/2023 13:18:19	0.2	0.2	0.2
230	8/1/2023 13:19:19	0.2	0.2	0.2
231	8/1/2023 13:20:19	0.2	0.2	0.2
232	8/1/2023 13:21:19	0.2	0.2	0.2
233	8/1/2023 13:22:19	0.2	0.2	0.2
234	8/1/2023 13:23:19	0.2	0.2	0.2
235	8/1/2023 13:24:19	0.2	0.2	0.2
236	8/1/2023 13:25:19	0.2	0.2	0.2
237	8/1/2023 13:26:19	0.2	0.2	0.2
238	8/1/2023 13:27:19	0.2	0.2	0.2
239	8/1/2023 13:28:19	0.2	0.2	0.2
240	8/1/2023 13:29:19	0.2	0.2	0.2
241	8/1/2023 13:30:19	0.2	0.2	0.2
242	8/1/2023 13:31:19	0.2	0.2	0.2
243	8/1/2023 13:32:19	0.2	0.2	0.2
244	8/1/2023 13:33:19	0.2	0.2	0.2
245	8/1/2023 13:34:19	0.2	0.2	0.2
246	8/1/2023 13:35:19	0.2	0.2	0.2
247	8/1/2023 13:36:19	0.2	0.2	0.2
248	8/1/2023 13:37:19	0.2	0.2	0.2
249	8/1/2023 13:38:19	0.2	0.2	0.2
250	8/1/2023 13:39:19	0.2	0.2	0.2
251	8/1/2023 13:40:19	0.2	0.2	0.2
252	8/1/2023 13:41:19	0.2	0.2	0.2
253	8/1/2023 13:42:19	0.1	0.2	0.2
254	8/1/2023 13:43:19	0.1	0.2	0.1
255	8/1/2023 13:44:19	0.1	0.1	0.1
256	8/1/2023 13:45:19	0.1	0.1	0.1
257	8/1/2023 13:46:19	0.1	0.1	0.1
258	8/1/2023 13:47:19	0.1	0.1	0.1

259	8/1/2023	13:48:19	0.1	0.1	0.1
260	8/1/2023	13:49:19	0.1	0.1	0.1
261	8/1/2023	13:50:19	0.1	0.1	0.1
262	8/1/2023	13:51:19	0.1	0.1	0.1
263	8/1/2023	13:52:19	0.1	0.1	0.1
264	8/1/2023	13:53:19	0.1	0.1	0.1
265	8/1/2023	13:54:19	0.1	0.1	0.1
266	8/1/2023	13:55:19	0.1	0.1	0.1
267	8/1/2023	13:56:19	0.1	0.1	0.1
268	8/1/2023	13:57:19	0.1	0.1	0.1
269	8/1/2023	13:58:19	0.1	0.1	0.1
270	8/1/2023	13:59:19	0.1	0.1	0.1
271	8/1/2023	14:00:19	0.1	0.1	0.1
272	8/1/2023	14:01:19	0.1	0.1	0.1
273	8/1/2023	14:02:19	0.1	0.1	0.1
274	8/1/2023	14:03:19	0.1	0.1	0.1
275	8/1/2023	14:04:19	0.1	0.1	0.1
276	8/1/2023	14:05:19	0.1	0.1	0.1
277	8/1/2023	14:06:19	0.1	0.1	0.1
278	8/1/2023	14:07:19	0.1	0.1	0.1
279	8/1/2023	14:08:19	0.1	0.1	0.1
280	8/1/2023	14:09:19	0.1	0.1	0.1
281	8/1/2023	14:10:19	0.1	0.1	0.1
282	8/1/2023	14:11:19	0.1	0.1	0.1
283	8/1/2023	14:12:19	0.1	0.1	0.1
284	8/1/2023	14:13:19	0.1	0.1	0.1
285	8/1/2023	14:14:19	0.1	0.2	0.1
286	8/1/2023	14:15:19	0.1	0.2	0.1
287	8/1/2023	14:16:19	0.1	0.1	0.1
288	8/1/2023	14:17:19	0.1	0.1	0.1
289	8/1/2023	14:18:19	0.1	0.1	0.1
290	8/1/2023	14:19:19	0.1	0.1	0.1
291	8/1/2023	14:20:19	0.1	0.1	0.1
292	8/1/2023	14:21:19	0.1	0.1	0.1
293	8/1/2023	14:22:19	0.1	0.1	0.1
294	8/1/2023	14:23:19	0.1	0.1	0.1
295	8/1/2023	14:24:19	0.1	0.2	0.1
296	8/1/2023	14:25:19	0.1	0.1	0.1
297	8/1/2023	14:26:19	0.1	0.1	0.1
298	8/1/2023	14:27:19	0.1	0.1	0.1
299	8/1/2023	14:28:19	0.1	0.1	0.1
300	8/1/2023	14:29:19	0.1	0.1	0.1
301	8/1/2023	14:30:19	0.1	0.1	0.1
Peak		0.2	0.3	0.2	
Min		0.0	0.0	0.0	
Average		0.1	0.2	0.1	

****

TWA/STEL

	PID(ppm)	PID(ppm)

Index	Date/Time	(TWA)	(STEL)	
001	8/1/2023	09:30:19	0.0	---
002	8/1/2023	09:31:19	0.0	---
003	8/1/2023	09:32:19	0.0	---
004	8/1/2023	09:33:19	0.0	---
005	8/1/2023	09:34:19	0.0	---
006	8/1/2023	09:35:19	0.0	---
007	8/1/2023	09:36:19	0.0	---
008	8/1/2023	09:37:19	0.0	---
009	8/1/2023	09:38:19	0.0	---
010	8/1/2023	09:39:19	0.0	---
011	8/1/2023	09:40:19	0.0	---
012	8/1/2023	09:41:19	0.0	---
013	8/1/2023	09:42:19	0.0	---
014	8/1/2023	09:43:19	0.0	---
015	8/1/2023	09:44:19	0.0	0.0
016	8/1/2023	09:45:19	0.0	0.0
017	8/1/2023	09:46:19	0.0	0.0
018	8/1/2023	09:47:19	0.0	0.0
019	8/1/2023	09:48:19	0.0	0.0
020	8/1/2023	09:49:19	0.0	0.0
021	8/1/2023	09:50:19	0.0	0.0
022	8/1/2023	09:51:19	0.0	0.0
023	8/1/2023	09:52:19	0.0	0.0
024	8/1/2023	09:53:19	0.0	0.0
025	8/1/2023	09:54:19	0.0	0.0
026	8/1/2023	09:55:19	0.0	0.0
027	8/1/2023	09:56:19	0.0	0.0
028	8/1/2023	09:57:19	0.0	0.0
029	8/1/2023	09:58:19	0.0	0.0
030	8/1/2023	09:59:19	0.0	0.0
031	8/1/2023	10:00:19	0.0	0.0
032	8/1/2023	10:01:19	0.0	0.0
033	8/1/2023	10:02:19	0.0	0.0
034	8/1/2023	10:03:19	0.0	0.0
035	8/1/2023	10:04:19	0.0	0.0
036	8/1/2023	10:05:19	0.0	0.0
037	8/1/2023	10:06:19	0.0	0.0
038	8/1/2023	10:07:19	0.0	0.0
039	8/1/2023	10:08:19	0.0	0.0
040	8/1/2023	10:09:19	0.0	0.0
041	8/1/2023	10:10:19	0.0	0.0
042	8/1/2023	10:11:19	0.0	0.0
043	8/1/2023	10:12:19	0.0	0.0
044	8/1/2023	10:13:19	0.0	0.0
045	8/1/2023	10:14:19	0.0	0.0
046	8/1/2023	10:15:19	0.0	0.0
047	8/1/2023	10:16:19	0.0	0.0
048	8/1/2023	10:17:19	0.0	0.0
049	8/1/2023	10:18:19	0.0	0.1

050	8/1/2023 10:19:19	0.0	0.1
051	8/1/2023 10:20:19	0.0	0.1
052	8/1/2023 10:21:19	0.0	0.1
053	8/1/2023 10:22:19	0.0	0.1
054	8/1/2023 10:23:19	0.0	0.1
055	8/1/2023 10:24:19	0.0	0.1
056	8/1/2023 10:25:19	0.0	0.1
057	8/1/2023 10:26:19	0.0	0.1
058	8/1/2023 10:27:19	0.0	0.1
059	8/1/2023 10:28:19	0.0	0.1
060	8/1/2023 10:29:19	0.0	0.1
061	8/1/2023 10:30:19	0.0	0.1
062	8/1/2023 10:31:19	0.0	0.1
063	8/1/2023 10:32:19	0.0	0.1
064	8/1/2023 10:33:19	0.0	0.1
065	8/1/2023 10:34:19	0.0	0.1
066	8/1/2023 10:35:19	0.0	0.1
067	8/1/2023 10:36:19	0.0	0.1
068	8/1/2023 10:37:19	0.0	0.1
069	8/1/2023 10:38:19	0.0	0.1
070	8/1/2023 10:39:19	0.0	0.1
071	8/1/2023 10:40:19	0.0	0.1
072	8/1/2023 10:41:19	0.0	0.1
073	8/1/2023 10:42:19	0.0	0.1
074	8/1/2023 10:43:19	0.0	0.1
075	8/1/2023 10:44:19	0.0	0.1
076	8/1/2023 10:45:19	0.0	0.1
077	8/1/2023 10:46:19	0.0	0.2
078	8/1/2023 10:47:19	0.0	0.2
079	8/1/2023 10:48:19	0.0	0.2
080	8/1/2023 10:49:19	0.0	0.2
081	8/1/2023 10:50:19	0.0	0.2
082	8/1/2023 10:51:19	0.0	0.2
083	8/1/2023 10:52:19	0.0	0.2
084	8/1/2023 10:53:19	0.0	0.2
085	8/1/2023 10:54:19	0.0	0.2
086	8/1/2023 10:55:19	0.0	0.2
087	8/1/2023 10:56:19	0.0	0.2
088	8/1/2023 10:57:19	0.0	0.2
089	8/1/2023 10:58:19	0.0	0.2
090	8/1/2023 10:59:19	0.0	0.2
091	8/1/2023 11:00:19	0.0	0.2
092	8/1/2023 11:01:19	0.0	0.2
093	8/1/2023 11:02:19	0.0	0.2
094	8/1/2023 11:03:19	0.0	0.2
095	8/1/2023 11:04:19	0.0	0.2
096	8/1/2023 11:05:19	0.0	0.2
097	8/1/2023 11:06:19	0.0	0.2
098	8/1/2023 11:07:19	0.0	0.2
099	8/1/2023 11:08:19	0.0	0.2

100	8/1/2023 11:09:19	0.0	0.2
101	8/1/2023 11:10:19	0.0	0.2
102	8/1/2023 11:11:19	0.0	0.2
103	8/1/2023 11:12:19	0.0	0.2
104	8/1/2023 11:13:19	0.0	0.2
105	8/1/2023 11:14:19	0.0	0.2
106	8/1/2023 11:15:19	0.0	0.2
107	8/1/2023 11:16:19	0.0	0.2
108	8/1/2023 11:17:19	0.0	0.2
109	8/1/2023 11:18:19	0.0	0.2
110	8/1/2023 11:19:19	0.0	0.2
111	8/1/2023 11:20:19	0.0	0.2
112	8/1/2023 11:21:19	0.0	0.2
113	8/1/2023 11:22:19	0.0	0.2
114	8/1/2023 11:23:19	0.0	0.2
115	8/1/2023 11:24:19	0.0	0.2
116	8/1/2023 11:25:19	0.0	0.2
117	8/1/2023 11:26:19	0.0	0.2
118	8/1/2023 11:27:19	0.0	0.2
119	8/1/2023 11:28:19	0.0	0.2
120	8/1/2023 11:29:19	0.0	0.2
121	8/1/2023 11:30:19	0.0	0.2
122	8/1/2023 11:31:19	0.0	0.2
123	8/1/2023 11:32:19	0.0	0.2
124	8/1/2023 11:33:19	0.0	0.2
125	8/1/2023 11:34:19	0.0	0.2
126	8/1/2023 11:35:19	0.0	0.2
127	8/1/2023 11:36:19	0.0	0.2
128	8/1/2023 11:37:19	0.0	0.2
129	8/1/2023 11:38:19	0.0	0.2
130	8/1/2023 11:39:19	0.0	0.2
131	8/1/2023 11:40:19	0.0	0.2
132	8/1/2023 11:41:19	0.0	0.2
133	8/1/2023 11:42:19	0.0	0.2
134	8/1/2023 11:43:19	0.0	0.2
135	8/1/2023 11:44:19	0.0	0.2
136	8/1/2023 11:45:19	0.0	0.2
137	8/1/2023 11:46:19	0.0	0.2
138	8/1/2023 11:47:19	0.0	0.2
139	8/1/2023 11:48:19	0.0	0.2
140	8/1/2023 11:49:19	0.0	0.2
141	8/1/2023 11:50:19	0.0	0.2
142	8/1/2023 11:51:19	0.0	0.2
143	8/1/2023 11:52:19	0.0	0.2
144	8/1/2023 11:53:19	0.0	0.2
145	8/1/2023 11:54:19	0.0	0.2
146	8/1/2023 11:55:19	0.0	0.2
147	8/1/2023 11:56:19	0.0	0.2
148	8/1/2023 11:57:19	0.0	0.2
149	8/1/2023 11:58:19	0.0	0.2

150	8/1/2023 11:59:19	0.0	0.2
151	8/1/2023 12:00:19	0.0	0.2
152	8/1/2023 12:01:19	0.0	0.2
153	8/1/2023 12:02:19	0.0	0.2
154	8/1/2023 12:03:19	0.0	0.2
155	8/1/2023 12:04:19	0.0	0.2
156	8/1/2023 12:05:19	0.0	0.2
157	8/1/2023 12:06:19	0.0	0.2
158	8/1/2023 12:07:19	0.0	0.2
159	8/1/2023 12:08:19	0.0	0.2
160	8/1/2023 12:09:19	0.0	0.2
161	8/1/2023 12:10:19	0.0	0.2
162	8/1/2023 12:11:19	0.0	0.2
163	8/1/2023 12:12:19	0.0	0.2
164	8/1/2023 12:13:19	0.0	0.2
165	8/1/2023 12:14:19	0.0	0.2
166	8/1/2023 12:15:19	0.0	0.2
167	8/1/2023 12:16:19	0.0	0.2
168	8/1/2023 12:17:19	0.0	0.2
169	8/1/2023 12:18:19	0.0	0.2
170	8/1/2023 12:19:19	0.0	0.2
171	8/1/2023 12:20:19	0.0	0.2
172	8/1/2023 12:21:19	0.0	0.2
173	8/1/2023 12:22:19	0.0	0.2
174	8/1/2023 12:23:19	0.0	0.2
175	8/1/2023 12:24:19	0.0	0.2
176	8/1/2023 12:25:19	0.1	0.2
177	8/1/2023 12:26:19	0.1	0.2
178	8/1/2023 12:27:19	0.1	0.2
179	8/1/2023 12:28:19	0.1	0.2
180	8/1/2023 12:29:19	0.1	0.2
181	8/1/2023 12:30:19	0.1	0.2
182	8/1/2023 12:31:19	0.1	0.2
183	8/1/2023 12:32:19	0.1	0.2
184	8/1/2023 12:33:19	0.1	0.2
185	8/1/2023 12:34:19	0.1	0.2
186	8/1/2023 12:35:19	0.1	0.2
187	8/1/2023 12:36:19	0.1	0.2
188	8/1/2023 12:37:19	0.1	0.2
189	8/1/2023 12:38:19	0.1	0.2
190	8/1/2023 12:39:19	0.1	0.2
191	8/1/2023 12:40:19	0.1	0.2
192	8/1/2023 12:41:19	0.1	0.2
193	8/1/2023 12:42:19	0.1	0.2
194	8/1/2023 12:43:19	0.1	0.2
195	8/1/2023 12:44:19	0.1	0.2
196	8/1/2023 12:45:19	0.1	0.2
197	8/1/2023 12:46:19	0.1	0.2
198	8/1/2023 12:47:19	0.1	0.2
199	8/1/2023 12:48:19	0.1	0.2

200	8/1/2023 12:49:19	0.1	0.2
201	8/1/2023 12:50:19	0.1	0.2
202	8/1/2023 12:51:19	0.1	0.2
203	8/1/2023 12:52:19	0.1	0.2
204	8/1/2023 12:53:19	0.1	0.2
205	8/1/2023 12:54:19	0.1	0.2
206	8/1/2023 12:55:19	0.1	0.2
207	8/1/2023 12:56:19	0.1	0.2
208	8/1/2023 12:57:19	0.1	0.2
209	8/1/2023 12:58:19	0.1	0.2
210	8/1/2023 12:59:19	0.1	0.2
211	8/1/2023 13:00:19	0.1	0.2
212	8/1/2023 13:01:19	0.1	0.2
213	8/1/2023 13:02:19	0.1	0.2
214	8/1/2023 13:03:19	0.1	0.2
215	8/1/2023 13:04:19	0.1	0.2
216	8/1/2023 13:05:19	0.1	0.2
217	8/1/2023 13:06:19	0.1	0.2
218	8/1/2023 13:07:19	0.1	0.2
219	8/1/2023 13:08:19	0.1	0.2
220	8/1/2023 13:09:19	0.1	0.2
221	8/1/2023 13:10:19	0.1	0.2
222	8/1/2023 13:11:19	0.1	0.2
223	8/1/2023 13:12:19	0.1	0.2
224	8/1/2023 13:13:19	0.1	0.2
225	8/1/2023 13:14:19	0.1	0.2
226	8/1/2023 13:15:19	0.1	0.2
227	8/1/2023 13:16:19	0.1	0.2
228	8/1/2023 13:17:19	0.1	0.2
229	8/1/2023 13:18:19	0.1	0.2
230	8/1/2023 13:19:19	0.1	0.2
231	8/1/2023 13:20:19	0.1	0.2
232	8/1/2023 13:21:19	0.1	0.2
233	8/1/2023 13:22:19	0.1	0.2
234	8/1/2023 13:23:19	0.1	0.2
235	8/1/2023 13:24:19	0.1	0.2
236	8/1/2023 13:25:19	0.1	0.2
237	8/1/2023 13:26:19	0.1	0.2
238	8/1/2023 13:27:19	0.1	0.2
239	8/1/2023 13:28:19	0.1	0.2
240	8/1/2023 13:29:19	0.1	0.2
241	8/1/2023 13:30:19	0.1	0.2
242	8/1/2023 13:31:19	0.1	0.2
243	8/1/2023 13:32:19	0.1	0.2
244	8/1/2023 13:33:19	0.1	0.2
245	8/1/2023 13:34:19	0.1	0.2
246	8/1/2023 13:35:19	0.1	0.2
247	8/1/2023 13:36:19	0.1	0.2
248	8/1/2023 13:37:19	0.1	0.2
249	8/1/2023 13:38:19	0.1	0.2

250	8/1/2023 13:39:19	0.1	0.2
251	8/1/2023 13:40:19	0.1	0.2
252	8/1/2023 13:41:19	0.1	0.2
253	8/1/2023 13:42:19	0.1	0.2
254	8/1/2023 13:43:19	0.1	0.2
255	8/1/2023 13:44:19	0.1	0.2
256	8/1/2023 13:45:19	0.1	0.2
257	8/1/2023 13:46:19	0.1	0.2
258	8/1/2023 13:47:19	0.1	0.2
259	8/1/2023 13:48:19	0.1	0.2
260	8/1/2023 13:49:19	0.1	0.2
261	8/1/2023 13:50:19	0.1	0.2
262	8/1/2023 13:51:19	0.1	0.2
263	8/1/2023 13:52:19	0.1	0.1
264	8/1/2023 13:53:19	0.1	0.1
265	8/1/2023 13:54:19	0.1	0.1
266	8/1/2023 13:55:19	0.1	0.1
267	8/1/2023 13:56:19	0.1	0.1
268	8/1/2023 13:57:19	0.1	0.1
269	8/1/2023 13:58:19	0.1	0.1
270	8/1/2023 13:59:19	0.1	0.1
271	8/1/2023 14:00:19	0.1	0.1
272	8/1/2023 14:01:19	0.1	0.1
273	8/1/2023 14:02:19	0.1	0.1
274	8/1/2023 14:03:19	0.1	0.1
275	8/1/2023 14:04:19	0.1	0.1
276	8/1/2023 14:05:19	0.1	0.1
277	8/1/2023 14:06:19	0.1	0.1
278	8/1/2023 14:07:19	0.1	0.1
279	8/1/2023 14:08:19	0.1	0.1
280	8/1/2023 14:09:19	0.1	0.1
281	8/1/2023 14:10:19	0.1	0.1
282	8/1/2023 14:11:19	0.1	0.1
283	8/1/2023 14:12:19	0.1	0.1
284	8/1/2023 14:13:19	0.1	0.1
285	8/1/2023 14:14:19	0.1	0.1
286	8/1/2023 14:15:19	0.1	0.1
287	8/1/2023 14:16:19	0.1	0.1
288	8/1/2023 14:17:19	0.1	0.1
289	8/1/2023 14:18:19	0.1	0.1
290	8/1/2023 14:19:19	0.1	0.1
291	8/1/2023 14:20:19	0.1	0.1
292	8/1/2023 14:21:19	0.1	0.1
293	8/1/2023 14:22:19	0.1	0.1
294	8/1/2023 14:23:19	0.1	0.1
295	8/1/2023 14:24:19	0.1	0.1
296	8/1/2023 14:25:19	0.1	0.1
297	8/1/2023 14:26:19	0.1	0.1
298	8/1/2023 14:27:19	0.1	0.1
299	8/1/2023 14:28:19	0.1	0.1

300	8/1/2023 14:29:19	0.1	0.1
301	8/1/2023 14:30:19	0.1	0.1