![LaBella - Powered by partnership.]

December 20, 2023

Brittany O'Brien-Drake
Assistant Geologist – Bureau D, Section D
New York State Department of Environmental Conservation
625 Broadway, 12th Floor
Albany, New York 12233
Sent via email: Brittany.OBrien-Drake@dec.ny.gov

Re: Groundwater Elevations Study Including CAMP Results
        NYSDEC Site ID No. 3-36-009 – DuPont Stauffer Landfill Site
        700 South Street, City of Newburgh, Orange County, New York
        LaBella Project # 2222335

Dear Ms. O'Brien-Drake:

On behalf of IV5 Newburgh South Logistics Center LLC (IV5), LaBella Associates, D.P.C. ("LaBella") is pleased to submit this summary letter documenting our Groundwater Elevation Study and associated Community Air Monitoring Program (CAMP) implemented during investigation activities at the above-listed site ("Site"). IV5 contracted LaBella to conduct a groundwater elevation study in support of redevelopment planning and design at the Site. This study was designed to address a New York State Department of Environmental Conservation (NYSDEC) requirement to determine if groundwater could be exposed during redevelopment efforts (including in the retention ponds). Field work was conducted consistent with NYSDEC-approved Work Plan dated July 13, 2023, the existing Site Management Plan (SMP) and its Excavation Work Plan (EWP) dated November 2016 and revised June 12, 2017.

WORK PEFORMED

Monitoring Well/Piezometer Installations and Development

To document groundwater elevations across the Site, LaBella arranged and observed the drilling and installation of one bedrock monitoring well in the proposed warehouse footprint, two overburden monitoring wells in the proposed stormwater basin areas, and one screened standpipe piezometer near Gidneytown Creek. These are labelled respectively on attached **Figures 1 and 2** as Bedrock Well, Obs Well 1, Obs Well 2, and Piezometer. On July, 26, 2023, LaBella performed limited vegetation clearing to provide access to the drilling locations. Drilling and monitoring well installations were performed by Core Down Drilling, LLC of Brewster, NY, on July 28, 2023, and July 31, 2023. A LaBella environmental professional observed the borings/well installations, logged the soil boring and well construction information, and screened recovered soils for visual, olfactory, and photo-ionization detector (PID). Boring and well construction logs are attached in **Appendix A**.

Bedrock Well: On July 28, a CME 55 drilling rig was used to advance hollow stem augers to bedrock which was encountered at a depth of 8 feet below ground surface (bgs). A 5-inch diameter steel casing was then set at a depth of 9.8 feet bgs, cement grout-sealed, and allowed to cure over the weekend. On July 31, the boring was advanced below the casing using an air hammer. The borehole was extended to a depth of 57 feet bgs, with groundwater observed at a depth of 29 feet bgs. The well was left open hole across the water table, consistent with the construction of bedrock landfill monitoring wells in the vicinity.

Overburden Wells: On July 28, two overburden soil borings, SB-01 and SB-02, were advanced using 5-inch hollow stem augers to the bedrock surface (12.5-feet bgs and 10.5-feet bgs, respectively). Groundwater was encountered at approximate depths of 7 to 8 feet bgs. Soils consisted of clayey glacial till. Monitoring wells were constructed of 1-inch diameter PVC, with 5 to 10 feet of screen installed within each of these borings, along with a sand pack and bentonite seal. Protective covers with stick-ups set in concrete were used to finish monitoring well locations. Following completion of Obs Well 1 and Obs Well 2, each monitoring well was developed using a peristaltic pump. The purge water was drummed and later analyzed (see below).

21 Fox Street | Poughkeepsie, NY 12601 | p (845) 454-3980
www.labellapc.com

<u>Piezometer:</u> A 1-inch diameter PVC screened standpipe piezometer was manually driven to a depth of one foot below the bed of Gidneytown Creek by a LaBella environmental professional.

Survey

On August 2 and 3, 2023, LaBella surveyed the three newly installed monitoring wells, standpipe piezometer, and three existing landfill monitoring well locations: LF-9 (bedrock), LF-14D (bedrock), and LF-14S (overburden). The horizontal coordinates of each groundwater observation location were surveyed on the NAD83 New York East datum using GPS. The ground surface elevation and measuring point elevation were surveyed using the NAVD88 vertical datum and adjusted to the datum established at pre-existing monitoring wells LF-14D and LF-14S.

Water Level Measurements

After sufficient time had been permitted for equilibration, LaBella staff returned to the Site on August 10 to collect the first of three rounds of water levels from the three new monitoring wells, standpipe piezometer, and three existing landfill monitoring wells (identified on attached Figures 1 and 2). Subsequent water levels readings were measured on August 31, and September 28. Water level measurements are listed in Table 1 below. The resulting vertical elevations were used for groundwater elevation contour maps depicted in **Figures 1 and 2**.

Table 1 – Groundwater Elevation Data

Well ID	Top of PVC Elevation	August 10, 2023		August 31, 2023		September 28, 2023	
		Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation	Depth to Water	Groundwater Elevation
LF-9	264.18	26.41	237.77	26.93	237.25	13.04	251.14
LF-14S	240.14	13.22	226.92	13.44	226.7	12.31	227.83
LF-14D	240.08	13.93	226.15	14.08	226	12.80	227.28
Obs Well 1	239.33	10.28	229.05	11.05	228.28	8.87	230.46
Obs Well 2	238.18	11.37	226.81	11.68	226.5	10.85	227.33
Bedrock Well	260.04	13.57	246.47	15.93	244.11	14.34	245.7
Piezometer	222.54	2.33	220.21	2.29	220.25	1.61	220.93

CAMP Monitoring

Consistent with the existing SMP, a LaBella environmental professional conducted CAMP monitoring in accordance with Appendix 1A of DER-10, Generic Community Air Monitoring Plan, during intrusive Site activities (i.e., soil boring and monitoring well installations) on July 28 and July 31, 2023.

LaBella's CAMP monitoring consisted of establishing three (3) on-site monitoring stations positioned in upwind, work zone, and downwind locations relative to the active groundwater elevation study work areas, depicted on the attached figure. Each station consisted of a RAE Systems® ppbRAE 3000 photo-ionization detector (PID) for monitoring volatile organic compound (VOC) vapors and a TSI Model 8530 DustTrak II particulate detector capable of measuring particulate matter less than 10 micrometers in size (PM-10), 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 daily, operated continuously throughout each workday, and was programmed to log and report 15-minute time-weighted average (TWA) data. Stations were checked periodically by the on-site LaBella environmental professional to ensure proper operation.

To properly evaluate VOC and particulate concentrations within the three monitoring zones described above, weather conditions were recorded throughout each workday necessary for proper positioning of each CAMP station. Weather conditions are summarized in the table below.

Date:	7/28/2023	7/31/2023
Weather (Morning)	Mostly sunny; Temperature 68°F to 84°F; Humidity 75% to 80%. Winds NNW and N @ Calm to 5 mph	Mostly sunny; Temperature 57°F to 77°F; Humidity 70% to 75%. Winds N @ Calm to 5 mph
Weather (Afternoon)	Mostly sunny; Temperature 84°F to 90°F; Humidity 80%. Winds N @ 5-10mph	Mostly sunny; Temperature 77°F to 81°F; Humidity 75% to 80%; Winds N @ Calm to 5mph

CAMP action levels used during the groundwater elevation study were 5 parts per million (ppm) above background/upwind for 15-minute average VOC readings and 100 micrograms per cubic meter (mcg/m^3) (0.100 mg/m3) above background/upwind for 15-minute average particulate readings. Particulate and VOC concentrations were consistently less than action Levels throughout the duration of intrusive site activities on July 28 and 31, 2023. <u>No exceedances of the established action limits for VOCs or particulates were recorded during this CAMP monitoring period.</u> Recorded data for particulates and VOCs have been summarized in the table below and the raw data are provided in **Appendix B**.

Station/ Location	CAMP-1 (upwind)				CAMP-2 (work zone)				CAMP-3 (downwind)			
	Particulate (mg/m^3)		VOCs (ppm)		Particulate (mg/m^3)		VOCs (ppm)		Particulate (mg/m^3)		VOCs (ppm)	
Date	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.
7/28/2023	0.014	0.022	0.0	0.1	0.015	0.018	0.0	0.0	0.023	0.035	0.6	1.0
7/31/2023	0.011	0.047	0.5	0.6	0.017	0.039	0.2	0.3	0.065	0.025	0.5	0.8

Management of Investigation Derived Waste (IDW)

A decontamination pad was assembled and used for equipment decontamination. The decontamination fluids were drummed as IDW and staged on-Site. Liquids generated during drilling and well development were also drummed. Drums were placed in an area that had accessibility for future removal from the Site for disposal and in an area that was previously remediated and where clean backfill was used. LaBella collected one (1) sample of IDW liquid (IV5-IDW-WC-01) and submitted to York Analytical Laboratory (York) of Stratford, Connecticut for analysis of typical waste characterization criteria required by disposal facilities. A laboratory analytical summary report is attached in **Appendix C**. The results of this analysis indicated that the IDW water did not meet the characteristics of hazardous waste. On October 12, 2023, the IDW was disposed of off-Site at Veolia ES technical Solutions in Middlesex, NJ, by Corbett Industrial Cleaning Services Inc. (CICS) of Slingerlands, NY. Waste disposal documentation is attached in **Appendix C**.

Efforts were undertaken to minimize the generation of soil and rock cuttings. Materials were PID field screened. Cuttings generated during soil borings and well installations were stockpiled on and under anchored plastic adjacent to each drilling location in order to not co-mingle with clean backfill brought to the Site as part of prior remedial efforts.

RESULTS

Site Groundwater Elevations

As indicated in Table 1 above, groundwater elevations had a net rise during the observation period from August to September 2023. Attributed to an unusually wet period, this trend is opposite of the typical trend of falling groundwater levels during late-summer and fall. Review of data from USGS observation wells in Orange County and the surrounding region indicate that groundwater levels during the study period were significantly higher

than average conditions for the season, and in fact equaled or exceeded historical average annual high levels (based upon USGS wells O-2288, U-1620, Du-1009). Thus, groundwater levels observed during the study period conservatively estimate high groundwater elevations that may be encountered during Site construction.

Figures 1 and 2 are maps of groundwater levels measured on August 31, and September 28, 2023, respectively. Consistent with previous investigations, groundwater at the proposed warehouse footprint is found mostly in the bedrock, with overburden groundwater seasonally found between the building site and Gidneytown Creek. Shallow groundwater flow directions across the Site are west towards Gidneytown Creek and presumably southerly in the immediate vicinity of Gidneytown Creek. The calculated horizontal hydraulic gradient is 0.026 ft/ft.

CONCLUSIONS

Based upon the shallow groundwater elevation maps, the groundwater elevations in the wet stormwater pond are projected to be 227 to 231 feet above sea level (asl). Based on the April 7, 2023, design drawings, the bottom of the wet stormwater pond west of the warehouse site would have been at an elevation of 231 feet asl, with excavation likely to extend to an elevation of 230 feet asl. Therefore, design is being adjusted to keep the pond at a higher elevation with the bottom of the wet stormwater pond west of the warehouse site to be at an elevation of 232 feet asl, with excavation likely to extend to an elevation of 231 feet asl. An updated engineering drawing considering the results of this study showing the proposed excavation limits versus record groundwater elevations should be completed by mid-January.

In the dry detention basin, projected groundwater elevations are 225 to 231 feet asl. The bottom of the dry pond is currently designed to be excavated to a depth of 234 feet asl and thus groundwater is not expected to be encountered here.

Limited bedrock groundwater may be encountered during excavation work in the eastern portion of the site depending upon seasonal conditions. Calculations indicate that the volume of bedrock groundwater that may need to be removed will be limited and it will be disposed of off-Site during construction. Extracted groundwater will be sampled and analyzed to confirm acceptance at a disposal facility. Prior to off-Site disposal, the analytical results and disposal plan will be provided to NYSDEC.

If you have any questions regarding this study, please do not hesitate to contact me at 518-540-4933.

Respectfully submitted,

LaBella Associates

Steven Winkley, PG
Senior Hydrogeologist

cc: Arlette St. Romain, LaBella
     Walt Kubow, PE LaBella
     William Pasik and Frank Van Der Veken, Brookfield Properties
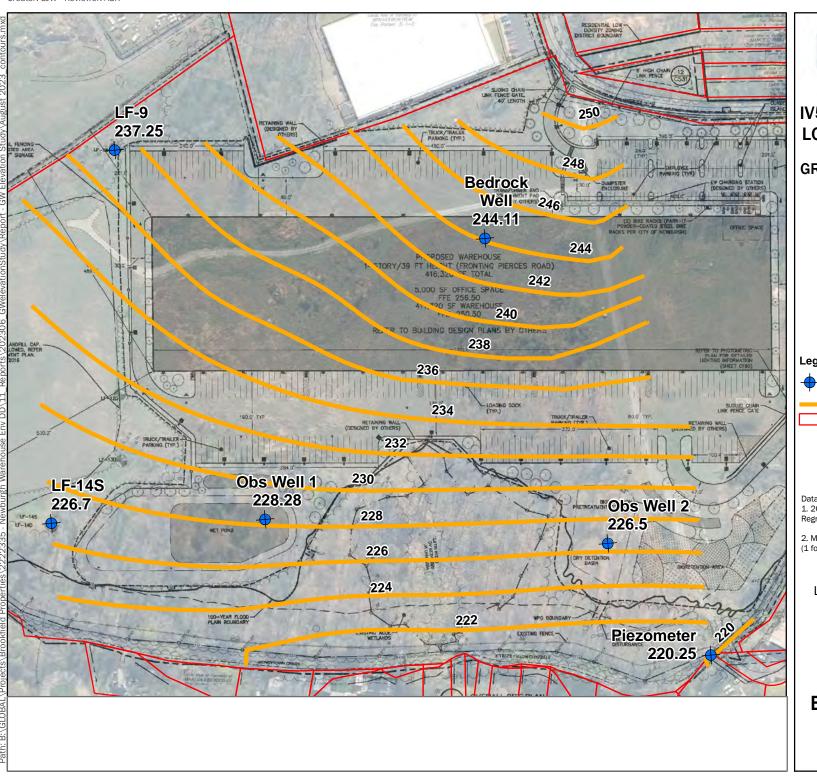
Attachments:
        Figure 1: August 2023 Groundwater Elevation Contours
        Figure 2: September 2023 Groundwater Elevation Contours
        Appendix A: Boring and Well Construction Logs
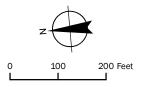   Appendix B: Raw CAMP Data
        Appendix C: Investigative Derived Waste Documentation

Figure 1 — August 2023 Groundwater Elevation Contours

Path : B:\GLOBAL\Projects\Brookfield Properties\2222335 - Newburgh Warehouse Env DD\11_Reports\202306_GWelevationStudy\Report - GW Elevation Study\September 2023_contours.mxd

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IV5 NEWBURGH SOUTH LOGISTICS CENTER LLC

GROUNDWATER ELEVATION STUDY

0   100   200 Feet

Legend

- ⊕ Well/Piezometer
- ▬ Sept. 28, 2023 Groundwater Elevation Contour
- ▭ Tax Parcel Boundary

Data Sources:
1. 2023 Orange County Tax Parcel Data.
Regrid_Published_2023_01

2. March 2021 New York State orthoimagery (1 foot resolution)

LaBella Project No: 2222335
Date: October 2023

September 2023 Groundwater Elevation Contours

FIGURE 2

Map labels:
- LF-9 251.14
- Bedrock Well 245.7
- LF-14S 227.83
- Obs Well 1 230.46
- Obs Well 2 227.33
- Piezometer 220.93

Contour values: 252, 250, 248, 246, 244, 242, 240, 238, 236, 234, 232, 230, 228, 226, 224, 222, 221

PROPOSED WAREHOUSE
1 STORY/39 FT HEIGHT (FRONTING STREET ROAD)
416,320 SF TOTAL

5,000 SF OFFICE SPACE
FFE 256.50
411,320 SF WAREHOUSE
FFE=250.50

REFER TO BUILDING DESIGN PLANS BY OTHERS

APPENDIX A

BORING AND WELL CONSTRUCTION LOGS

LaBella	NYSDEC Site No 3-36-009	BORING: SB-01 1 of 1
Boring Log	D-pont Stauffer Landfill	SHEET
21 Fox Street	Zoo Subth St. Newburgh, NY	JOB: 7227335
Poughkeepsie, NY 12601		CHKD BY: DATE: 7/28/23

CONTRACTOR: Core Down	BORING LOCATION: Bedrock well	TIME: 0730 to 0930
DRILLER: A. Bellucci	GROUND SURFACE ELEVATION NA	DATUM: NA
LABELLA REPRESENTATIVE: B. Fields	START DATE: 7/26/23 END DATE:	WEATHER: Sunny, ~75°F

TYPE OF DRILL RIG: CME
AUGER SIZE AND TYPE: NA 5" HSA / Air Rotary   DRIVE SAMPLER TYPE:
OVERBURDEN SAMPLING METHOD: N/A   INSIDE DIAMETER: 2"   OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0						
1				SANDY SILT w/ GRAVEL (ML)		
2				NOSOR		
3	N/A	0-8'				casing — grout
4						
5						
6						
7						
8				Bedrock		
9						
10						
11						2" open hole
12						
13						
14						
15				57'		57'
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

WATER LEVEL DATA			DEPTH (FT)			NOTES: GW @ 29' + rising
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

BORING: SB-01

LaBella

Boring Log
21 Fox Street
Poughkeepsie, NY 12601

PROJECT	
NYSDEC Site No: 3-36-009	
Dupont Stauffer Landfill	
700 South St. Newburgh, NY.	

BORING:	SB-02
SHEET	1 of 1
JOB:	2222835
CHKD BY:	
DATE:	7/26/23

CONTRACTOR: Core Down	BORING LOCATION: North Observation Well	TIME: 1030 TO 1230
DRILLER: A. Bellveci	GROUND SURFACE ELEVATION NA	DATUM: NA
LABELLA REPRESENTATIVE: B. Fields	START DATE: 7/26/23 END DATE:	WEATHER: Sunny, ~85°F

TYPE OF DRILL RIG: CME	DRIVE SAMPLER TYPE:
AUGER SIZE AND TYPE: NF 5" HS	INSIDE DIAMETER:
OVERBURDEN SAMPLING METHOD: N/A	OTHER:

DEPTH (FEET BGS)	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)			
0–12	N/R	0-12.5'		Loose; Brown; CL; LEAN CLAY w Sand; Lt. Gravel (f); Moist @ 2' bgs; Wet @ 7' bgs; Medium plasticity; Cohesive; Massive; No Odor	Ø	
13				Bedrock encountered @ 12.5' bgs.		
15–18						"MW-02" Screen; 2.5-12.5'

WATER LEVEL DATA			BOTTOM OF CASING	DEPTH (FT)		NOTES:
DATE	TIME	ELAPSED TIME		BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
					~7	

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER.

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

BORING: SB-02

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WELL DEVELOPMENT LOG

Well No.: **MW-02**

Soil Boring = "SB-02"

PROJECT INFORMATION

Project: NYSDEC Sit N. 3-36-009 Dupont Steubler Landfill   LaBella Project No.: 2222335

Address: 700 South Street.   Town/City: Newburgh   State: NY

Client: IVS Newburgh South Logistics   County: Orange

LaBella Rep.: Branan Fields   Weather: P. Sunny, humid, ~90°F

Development Date(s): 7/31/23

MONITORING WELL INFORMATION AND PURGE VOLUME CALCULATION

Well Diameter: 1 inches   Depth of Well: 15.18 ft bgs (btoc)   Well Screen Length: 10 ft

Static Water Level: 9.02 ft btoc   Height of Water Column: 6.13 ft   One Well Volume: 0.25 gallons

METHOD OF DEVELOPMENT

Bailer - Type: _____   Pump - Type: Peristaltic

Other: _____   LNAPL or DNAPL: None   Sheen: No

Color: Lt. Gr.   Odor: None.   Total Volume Purged: 4.5 gallons

WELL DEVELOPMENT PARAMETERS

Time	Pump Rate (gpm)	Gallons Purged	pH	Temp. (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O₂ (mg/l)	ORP (mV)	Comments
0905	0.05	0.5	7.15	13.8	0.378	>50	6.24	195.7	
0915	0.05	1.0	7.14	13.6	0.549	>50	6.46	191.0	DTW- 9.97' btoc
0925	0.05	2.0	7.10	13.4	0.608	>50	6.28	181.7	DTW 10.90' btoc
0935	0.06	3.0	7.08	13.4	0.640	>50	6.24	183.7	11.95 btoc
0945	0.06	4.0	7.10	13.3	0.645	>50	6.26	183.8	
0950	0.06	4.5	7.11	13.3	0.645	>50	6.26	183.7	12.20' btoc OFF
									11.15' btoc 0955
									10.34' btoc 1000
									9.51' btoc 1005
									9.04 btoc. 1010

LaBella

Boring Log
21 Fox Street
Poughkeepsie, NY 12601

PROJECT
NYSDEC Site No 3-36-009
Dupont stenfrec Leadfill
760 South St Newburgh, NY

JOB: 2272335
CHKD BY:
DATE: 7/28/23

CONTRACTOR: Core Own	BORING LOCATION: South Observation Well	TIME: ___ TO ___
DRILLER: M. Bellucci	GROUND SURFACE ELEVATION NA	DATUM: NA
LABELLA REPRESENTATIVE:	START DATE: 7/26	WEATHER: Sunny, ~8°
TYPE OF DRILL RIG: CME	END DATE:	
AUGER SIZE AND TYPE: NA 5" HS	DRIVE SAMPLER TYPE:	
OVERBURDEN SAMPLING METHOD: N/A	INSIDE DIAMETER:	
	OTHER:	

DEPTH (FEET BGS)	SAMPLE RECOVERY (INCHES)	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET BGS)	VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS
0				Loose; Brown; CL; LEAN CLAY w/ Sand; Lt. Gravel (F); moist @ 4'bgs; wet @ ~8' bgs; med plasticity; cohesive; massive; no sop	0	
1						
2						
3		0-10.5'				
4						
5	N/A					
6						
7						
8						
9						
10				Bedrock refusal @ ~10.5 ft bgs.		
11						
12						"MW-03"
13						
14						Screen
15						10.5 - 8.5'
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
					8'	

GENERAL NOTES
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

BGS = Below Ground Surface	and = 35 - 50%	C = Coarse	R = Rounded
NA = Not Applicable	some = 20 - 35%	M = Medium	A = Angular
	little = 10 - 20%	F = Fine	SR = Subrounded
	trace = 1 - 10%	VF = Very Fine	SA = Subangular

BORING: SB **03**

LaBella

WELL DEVELOPMENT LOG

Well No.: __MW-03__

"SB-03"

PROJECT INFORMATION

Project: __NYSDEC S.L N. 3-36-000 Dupont Stauffer landfill__   LaBella Project No.: __J222335__

Address: __700 South Street__   Town/City: __Newburgh__   State: __NY__

Client: __IUS__   County: __Orange__

LaBella Rep.: __B. Fields__   Weather: __sunny, ~ 80°F__

Development Date(s): __7/31/23__

MONITORING WELL INFORMATION AND PURGE VOLUME CALCULATION

Well Diameter: __1__ inches   Depth of Well: __12.63__ ft bgs   Well Screen Length: __5__ ft

Static Water Level: __10.80__ ft btoc   Height of Water Column: __1.83__ ft   One Well Volume: __0.07__ gallons

METHOD OF DEVELOPMENT

Bailer - Type: _____   Pump - Type: __Peristaltic__

Other: _____   LNAPL or DNAPL: __None__   Sheen: __None__

Color: _____   Odor: __None__   Total Volume Purged: _____ gallons

WELL DEVELOPMENT PARAMETERS

Time	Pump Rate (gpm)	Gallons Purged	pH	Temp. (oC)	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O$_2$ (mg/l)	ORP (mV)	Comments
1105	0.03	0.25	7.33	13.5	0.68	<50	4.84	168.1	
1115	0.03	0.5	7.32	13.4	0.671	40	4.81	170.1	
1125	0.03	0.75	7.30	13.3	0.670	38	4.80	171.1	
11:35	0.03	1.0	7.32	13.3	0.668	35	4.79	171.4	DTW = 11.76 OFF.
									DTW = 10.80 @ 1142.

APPENDIX B

RAW CAMP DATA

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============================================================
23/07/28 08:54
************************************************************
Summary
------------------------------------------------------------
Unit Name      MiniRAE 3000 +(PGM-7320)
Unit SN 592-601324
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   7/28/2023 08:54:16
End     7/28/2023 09:50:04
Sample Period(s)       60
Number of Records      55
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN     S023030154B4
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 15:18
Peak   1.0
Min    0.0
Average 0.6

************************************************************
Datalog
```

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/28/2023 08:55:16	0.0	0.0	0.0
002	7/28/2023 08:56:16	0.0	0.0	0.0
003	7/28/2023 08:57:16	0.0	0.0	0.0
004	7/28/2023 08:58:16	0.0	0.0	0.0
005	7/28/2023 08:59:16	0.0	0.0	0.0
006	7/28/2023 09:00:16	0.0	0.0	0.0
007	7/28/2023 09:01:16	0.0	0.0	0.0
008	7/28/2023 09:02:16	0.0	0.0	0.0
009	7/28/2023 09:03:16	0.0	0.0	0.0
010	7/28/2023 09:04:16	0.0	0.0	0.0
011	7/28/2023 09:05:16	0.0	0.0	0.0
012	7/28/2023 09:06:16	0.0	0.0	0.0
013	7/28/2023 09:07:16	0.0	0.1	0.1
014	7/28/2023 09:08:16	0.1	0.1	0.1
015	7/28/2023 09:09:16	0.2	0.2	0.2
016	7/28/2023 09:10:16	0.2	0.2	0.2
017	7/28/2023 09:11:16	0.3	0.3	0.3
018	7/28/2023 09:12:16	0.3	0.3	0.3
019	7/28/2023 09:13:16	0.3	0.4	0.4
020	7/28/2023 09:14:16	0.4	0.4	0.4
021	7/28/2023 09:15:16	0.4	0.4	0.4
022	7/28/2023 09:16:16	0.5	0.5	0.5
023	7/28/2023 09:17:16	0.5	0.5	0.5
024	7/28/2023 09:18:16	0.5	0.6	0.6
025	7/28/2023 09:19:16	0.6	0.6	0.6
026	7/28/2023 09:20:16	0.6	0.6	0.6
027	7/28/2023 09:21:16	0.6	0.6	0.6
028	7/28/2023 09:22:16	0.7	0.7	0.7
029	7/28/2023 09:23:16	0.7	0.7	0.7
030	7/28/2023 09:24:16	0.7	0.7	0.7
031	7/28/2023 09:25:16	0.7	0.7	0.7
032	7/28/2023 09:26:16	0.8	0.8	0.8
033	7/28/2023 09:27:16	0.8	0.8	0.8
034	7/28/2023 09:28:16	0.8	0.8	0.8
035	7/28/2023 09:29:16	0.8	0.8	0.8
036	7/28/2023 09:30:16	0.8	0.8	0.8
037	7/28/2023 09:31:16	0.8	0.8	0.8
038	7/28/2023 09:32:16	0.9	0.9	0.9
039	7/28/2023 09:33:16	0.9	0.9	0.9
040	7/28/2023 09:34:16	0.9	0.9	0.9
041	7/28/2023 09:35:16	0.9	0.9	0.9
042	7/28/2023 09:36:16	0.9	0.9	0.9
043	7/28/2023 09:37:16	0.9	0.9	0.9
044	7/28/2023 09:38:16	0.9	0.9	0.9
045	7/28/2023 09:39:16	0.9	0.9	0.9
046	7/28/2023 09:40:16	0.9	0.9	0.9
047	7/28/2023 09:41:16	0.9	1.0	1.0
048	7/28/2023 09:42:16	1.0	1.0	1.0
049	7/28/2023 09:43:16	1.0	1.0	1.0
050	7/28/2023 09:44:16	1.0	1.0	1.0
051	7/28/2023 09:45:16	1.0	1.0	1.0
052	7/28/2023 09:46:16	1.0	1.0	1.0
053	7/28/2023 09:47:16	1.0	1.0	1.0
054	7/28/2023 09:48:16	1.0	1.0	1.0
055	7/28/2023 09:49:16	1.0	1.0	1.0
Peak		1.0	1.0	1.0
Min		0.0	0.0	0.0
Average		0.5	0.6	0.6

```
************************************************************
TWA/STEL
```

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 08:55:16	0.0	---
002	7/28/2023 08:56:16	0.0	---
003	7/28/2023 08:57:16	0.0	---
004	7/28/2023 08:58:16	0.0	---
005	7/28/2023 08:59:16	0.0	---
006	7/28/2023 09:00:16	0.0	---
007	7/28/2023 09:01:16	0.0	---
008	7/28/2023 09:02:16	0.0	---
009	7/28/2023 09:03:16	0.0	---
010	7/28/2023 09:04:16	0.0	---
011	7/28/2023 09:05:16	0.0	---
012	7/28/2023 09:06:16	0.0	---
013	7/28/2023 09:07:16	0.0	---
014	7/28/2023 09:08:16	0.0	---
015	7/28/2023 09:09:16	0.0	0.0
016	7/28/2023 09:10:16	0.0	0.0
017	7/28/2023 09:11:16	0.0	0.1
018	7/28/2023 09:12:16	0.0	0.1
019	7/28/2023 09:13:16	0.0	0.1
020	7/28/2023 09:14:16	0.0	0.1
021	7/28/2023 09:15:16	0.0	0.2
022	7/28/2023 09:16:16	0.0	0.2
023	7/28/2023 09:17:16	0.0	0.2
024	7/28/2023 09:18:16	0.0	0.3
025	7/28/2023 09:19:16	0.0	0.3
026	7/28/2023 09:20:16	0.0	0.3
027	7/28/2023 09:21:16	0.0	0.4
028	7/28/2023 09:22:16	0.0	0.4
029	7/28/2023 09:23:16	0.0	0.5
030	7/28/2023 09:24:16	0.0	0.5
031	7/28/2023 09:25:16	0.0	0.5
032	7/28/2023 09:26:16	0.0	0.6
033	7/28/2023 09:27:16	0.0	0.6
034	7/28/2023 09:28:16	0.0	0.7
035	7/28/2023 09:29:16	0.0	0.7
036	7/28/2023 09:30:16	0.0	0.7
037	7/28/2023 09:31:16	0.0	0.7
038	7/28/2023 09:32:16	0.0	0.8
039	7/28/2023 09:33:16	0.0	0.8
040	7/28/2023 09:34:16	0.0	0.8
041	7/28/2023 09:35:16	0.0	0.8
042	7/28/2023 09:36:16	0.0	0.8
043	7/28/2023 09:37:16	0.0	0.9
044	7/28/2023 09:38:16	0.0	0.9
045	7/28/2023 09:39:16	0.0	0.9
046	7/28/2023 09:40:16	0.0	0.9
047	7/28/2023 09:41:16	0.0	0.9
048	7/28/2023 09:42:16	0.0	0.9
049	7/28/2023 09:43:16	0.1	1.0
050	7/28/2023 09:44:16	0.1	1.0
051	7/28/2023 09:45:16	0.1	1.0
052	7/28/2023 09:46:16	0.1	1.0
053	7/28/2023 09:47:16	0.1	1.0
054	7/28/2023 09:48:16	0.1	1.0
055	7/28/2023 09:49:16	0.1	1.0

```
============================================================
23/07/28 11:05
************************************************************
Summary
------------------------------------------------------------
Unit Name       MiniRAE 3000 +(PGM-7320)
Unit SN 592-601324
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   7/28/2023 11:05:03
End     7/28/2023 11:56:13
Sample Period(s)       60
Number of Records      51
------------------------------------------------------------
Sensor  PID(ppm)
Sensor SN     S023030154B4
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 15:18
Peak   0.6
Min    0.5
Average 0.5

************************************************************
Datalog
```

| | PID(ppm) | PID(ppm) | PID(ppm) |
Index	Date/Time	(Avg)	(Max)	(Real)
001	7/28/2023 11:06:03	0.6	0.7	0.6
002	7/28/2023 11:07:03	0.5	0.6	0.5
003	7/28/2023 11:08:03	0.5	0.5	0.5
004	7/28/2023 11:09:03	0.5	0.5	0.5
005	7/28/2023 11:10:03	0.5	0.5	0.5
006	7/28/2023 11:11:03	0.5	0.5	0.5
007	7/28/2023 11:12:03	0.5	0.5	0.5
008	7/28/2023 11:13:03	0.5	0.5	0.5
009	7/28/2023 11:14:03	0.5	0.5	0.5
010	7/28/2023 11:15:03	0.5	0.5	0.5
011	7/28/2023 11:16:03	0.5	0.5	0.5
012	7/28/2023 11:17:03	0.5	0.5	0.5
013	7/28/2023 11:18:03	0.5	0.5	0.5
014	7/28/2023 11:19:03	0.5	0.5	0.5
015	7/28/2023 11:20:03	0.5	0.5	0.5
016	7/28/2023 11:21:03	0.5	0.5	0.5
017	7/28/2023 11:22:03	0.5	0.5	0.5
018	7/28/2023 11:23:03	0.5	0.5	0.5
019	7/28/2023 11:24:03	0.5	0.6	0.6
020	7/28/2023 11:25:03	0.6	0.6	0.5
021	7/28/2023 11:26:03	0.6	0.6	0.6
022	7/28/2023 11:27:03	0.6	0.6	0.6
023	7/28/2023 11:28:03	0.6	0.6	0.6
024	7/28/2023 11:29:03	0.6	0.6	0.6
025	7/28/2023 11:30:03	0.6	0.6	0.6
026	7/28/2023 11:31:03	0.6	0.6	0.6
027	7/28/2023 11:32:03	0.6	0.6	0.6
028	7/28/2023 11:33:03	0.6	0.6	0.6
029	7/28/2023 11:34:03	0.6	0.6	0.6
030	7/28/2023 11:35:03	0.6	0.6	0.6
031	7/28/2023 11:36:03	0.6	0.6	0.6
032	7/28/2023 11:37:03	0.6	0.6	0.6
033	7/28/2023 11:38:03	0.6	0.6	0.6
034	7/28/2023 11:39:03	0.6	0.6	0.6
035	7/28/2023 11:40:03	0.6	0.6	0.6
036	7/28/2023 11:41:03	0.6	0.6	0.6
037	7/28/2023 11:42:03	0.6	0.6	0.5
038	7/28/2023 11:43:03	0.5	0.6	0.5
039	7/28/2023 11:44:03	0.6	0.6	0.5
040	7/28/2023 11:45:03	0.5	0.6	0.6
041	7/28/2023 11:46:03	0.5	0.6	0.5
042	7/28/2023 11:47:03	0.5	0.6	0.5
043	7/28/2023 11:48:03	0.5	0.5	0.5
044	7/28/2023 11:49:03	0.5	0.5	0.5
045	7/28/2023 11:50:03	0.5	0.5	0.5
046	7/28/2023 11:51:03	0.5	0.5	0.5
047	7/28/2023 11:52:03	0.5	0.5	0.5
048	7/28/2023 11:53:03	0.5	0.5	0.5
049	7/28/2023 11:54:03	0.5	0.5	0.5
050	7/28/2023 11:55:03	0.5	0.5	0.5
051	7/28/2023 11:56:03	0.5	0.5	0.5
Peak		0.6	0.7	0.6
Min		0.5	0.5	0.5
Average		0.5	0.6	0.5

```
************************************************************
TWA/STEL
```

| | PID(ppm) | PID(ppm) |
Index	Date/Time	(TWA)	(STEL)
001	7/28/2023 11:06:03	0.0	---
002	7/28/2023 11:07:03	0.0	---
003	7/28/2023 11:08:03	0.0	---
004	7/28/2023 11:09:03	0.0	---
005	7/28/2023 11:10:03	0.0	---
006	7/28/2023 11:11:03	0.0	---
007	7/28/2023 11:12:03	0.0	---
008	7/28/2023 11:13:03	0.0	---
009	7/28/2023 11:14:03	0.0	---
010	7/28/2023 11:15:03	0.0	---
011	7/28/2023 11:16:03	0.0	---
012	7/28/2023 11:17:03	0.0	---
013	7/28/2023 11:18:03	0.0	---
014	7/28/2023 11:19:03	0.0	---
015	7/28/2023 11:20:03	0.0	0.5
016	7/28/2023 11:21:03	0.0	0.5
017	7/28/2023 11:22:03	0.0	0.5
018	7/28/2023 11:23:03	0.0	0.5
019	7/28/2023 11:24:03	0.0	0.5
020	7/28/2023 11:25:03	0.0	0.5
021	7/28/2023 11:26:03	0.0	0.5
022	7/28/2023 11:27:03	0.0	0.6
023	7/28/2023 11:28:03	0.0	0.6
024	7/28/2023 11:29:03	0.0	0.6
025	7/28/2023 11:30:03	0.0	0.6
026	7/28/2023 11:31:03	0.0	0.6
027	7/28/2023 11:32:03	0.0	0.6
028	7/28/2023 11:33:03	0.0	0.6
029	7/28/2023 11:34:03	0.0	0.6
030	7/28/2023 11:35:03	0.0	0.6
031	7/28/2023 11:36:03	0.0	0.6
032	7/28/2023 11:37:03	0.0	0.6
033	7/28/2023 11:38:03	0.0	0.6
034	7/28/2023 11:39:03	0.0	0.6
035	7/28/2023 11:40:03	0.0	0.6
036	7/28/2023 11:41:03	0.0	0.6
037	7/28/2023 11:42:03	0.0	0.6
038	7/28/2023 11:43:03	0.0	0.6
039	7/28/2023 11:44:03	0.0	0.6
040	7/28/2023 11:45:03	0.0	0.6
041	7/28/2023 11:46:03	0.0	0.6
042	7/28/2023 11:47:03	0.0	0.6
043	7/28/2023 11:48:03	0.0	0.6
044	7/28/2023 11:49:03	0.0	0.6
045	7/28/2023 11:50:03	0.1	0.6
046	7/28/2023 11:51:03	0.1	0.6
047	7/28/2023 11:52:03	0.1	0.6
048	7/28/2023 11:53:03	0.1	0.6
049	7/28/2023 11:54:03	0.1	0.6
050	7/28/2023 11:55:03	0.1	0.6
051	7/28/2023 11:56:03	0.1	0.5

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23/07/28 12:30
**********************************************************
Summary
----------------------------------------------------------
Unit Name      MiniRAE 3000 +(PGM-7320)
Unit SN 592-601324
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   7/28/2023 12:30:38
End     7/28/2023 13:57:22
Sample Period(s)      60
Number of Records     86
----------------------------------------------------------
Sensor  PID(ppm)
Sensor SN     S023030154B4
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 15:18
Peak    0.8
Min     0.6
Average 0.7
```

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************************************************************
Datalog
```

| | PID(ppm) | PID(ppm) | PID(ppm) |
Index	Date/Time	(Avg)	(Max)	(Real)
001	7/28/2023 12:31:38	0.6	0.7	0.7
002	7/28/2023 12:32:38	0.7	0.8	0.7
003	7/28/2023 12:33:38	0.7	0.7	0.7
004	7/28/2023 12:34:38	0.8	0.8	0.8
005	7/28/2023 12:35:38	0.8	0.8	0.8
006	7/28/2023 12:36:38	0.8	0.8	0.8
007	7/28/2023 12:37:38	0.8	0.8	0.8
008	7/28/2023 12:38:38	0.8	0.9	0.8
009	7/28/2023 12:39:38	0.8	0.8	0.8
010	7/28/2023 12:40:38	0.8	0.8	0.8
011	7/28/2023 12:41:38	0.8	0.8	0.8
012	7/28/2023 12:42:38	0.8	0.8	0.8
013	7/28/2023 12:43:38	0.8	0.8	0.8
014	7/28/2023 12:44:38	0.8	0.8	0.8
015	7/28/2023 12:45:38	0.8	0.8	0.8
016	7/28/2023 12:46:38	0.8	0.8	0.8
017	7/28/2023 12:47:38	0.8	0.8	0.8
018	7/28/2023 12:48:38	0.8	0.8	0.8
019	7/28/2023 12:49:38	0.8	0.8	0.8
020	7/28/2023 12:50:38	0.8	0.8	0.8
021	7/28/2023 12:51:38	0.8	0.8	0.8
022	7/28/2023 12:52:38	0.8	0.8	0.8
023	7/28/2023 12:53:38	0.8	0.8	0.8
024	7/28/2023 12:54:38	0.8	0.8	0.8
025	7/28/2023 12:55:38	0.8	0.8	0.7
026	7/28/2023 12:56:38	0.7	0.8	0.7
027	7/28/2023 12:57:38	0.7	0.7	0.7
028	7/28/2023 12:58:38	0.7	0.7	0.7
029	7/28/2023 12:59:38	0.7	0.7	0.7
030	7/28/2023 13:00:38	0.7	0.7	0.7
031	7/28/2023 13:01:38	0.7	0.7	0.7
032	7/28/2023 13:02:38	0.7	0.7	0.7
033	7/28/2023 13:03:38	0.7	0.7	0.7
034	7/28/2023 13:04:38	0.7	0.7	0.7
035	7/28/2023 13:05:38	0.7	0.7	0.7
036	7/28/2023 13:06:38	0.7	0.7	0.7
037	7/28/2023 13:07:38	0.7	0.7	0.7
038	7/28/2023 13:08:38	0.7	0.7	0.7
039	7/28/2023 13:09:38	0.7	0.7	0.7
040	7/28/2023 13:10:38	0.7	0.7	0.7
041	7/28/2023 13:11:38	0.7	0.7	0.7
042	7/28/2023 13:12:38	0.7	0.7	0.7
043	7/28/2023 13:13:38	0.7	0.7	0.7
044	7/28/2023 13:14:38	0.7	0.7	0.7
045	7/28/2023 13:15:38	0.7	0.7	0.7
046	7/28/2023 13:16:38	0.7	0.7	0.7

047	7/28/2023 13:17:38	0.7	0.7	0.7
048	7/28/2023 13:18:38	0.7	0.7	0.7
049	7/28/2023 13:19:38	0.7	0.7	0.7
050	7/28/2023 13:20:38	0.7	0.7	0.7
051	7/28/2023 13:21:38	0.7	0.7	0.7
052	7/28/2023 13:22:38	0.7	0.7	0.7
053	7/28/2023 13:23:38	0.7	0.7	0.7
054	7/28/2023 13:24:38	0.7	0.7	0.7
055	7/28/2023 13:25:38	0.7	0.7	0.7
056	7/28/2023 13:26:38	0.7	0.7	0.7
057	7/28/2023 13:27:38	0.7	0.7	0.7
058	7/28/2023 13:28:38	0.7	0.7	0.7
059	7/28/2023 13:29:38	0.7	0.7	0.7
060	7/28/2023 13:30:38	0.7	0.7	0.7
061	7/28/2023 13:31:38	0.7	0.7	0.7
062	7/28/2023 13:32:38	0.7	0.7	0.7
063	7/28/2023 13:33:38	0.7	0.7	0.7
064	7/28/2023 13:34:38	0.7	0.7	0.7
065	7/28/2023 13:35:38	0.7	0.7	0.7
066	7/28/2023 13:36:38	0.7	0.7	0.7
067	7/28/2023 13:37:38	0.7	0.7	0.7
068	7/28/2023 13:38:38	0.7	0.7	0.7
069	7/28/2023 13:39:38	0.7	0.7	0.7
070	7/28/2023 13:40:38	0.6	0.7	0.7
071	7/28/2023 13:41:38	0.7	0.7	0.7
072	7/28/2023 13:42:38	0.7	0.7	0.7
073	7/28/2023 13:43:38	0.6	0.7	0.7
074	7/28/2023 13:44:38	0.6	0.7	0.6
075	7/28/2023 13:45:38	0.6	0.7	0.7
076	7/28/2023 13:46:38	0.6	0.7	0.6
077	7/28/2023 13:47:38	0.6	0.7	0.6
078	7/28/2023 13:48:38	0.6	0.7	0.6
079	7/28/2023 13:49:38	0.6	0.6	0.6
080	7/28/2023 13:50:38	0.6	0.6	0.6
081	7/28/2023 13:51:38	0.6	0.6	0.6
082	7/28/2023 13:52:38	0.7	0.7	0.7
083	7/28/2023 13:53:38	0.7	0.7	0.7
084	7/28/2023 13:54:38	0.6	0.7	0.6
085	7/28/2023 13:55:38	0.6	0.7	0.6
086	7/28/2023 13:56:38	0.6	0.6	0.6
Peak		0.8	0.9	0.8
Min		0.6	0.6	0.6
Average		0.7	0.7	0.7

```
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```

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 12:31:38	0.0	---
002	7/28/2023 12:32:38	0.0	---
003	7/28/2023 12:33:38	0.0	---
004	7/28/2023 12:34:38	0.0	---
005	7/28/2023 12:35:38	0.0	---
006	7/28/2023 12:36:38	0.0	---
007	7/28/2023 12:37:38	0.0	---
008	7/28/2023 12:38:38	0.0	---
009	7/28/2023 12:39:38	0.0	---
010	7/28/2023 12:40:38	0.0	---
011	7/28/2023 12:41:38	0.0	---
012	7/28/2023 12:42:38	0.0	---
013	7/28/2023 12:43:38	0.0	---
014	7/28/2023 12:44:38	0.0	---
015	7/28/2023 12:45:38	0.0	0.8
016	7/28/2023 12:46:38	0.0	0.8
017	7/28/2023 12:47:38	0.0	0.8
018	7/28/2023 12:48:38	0.0	0.8
019	7/28/2023 12:49:38	0.0	0.9
020	7/28/2023 12:50:38	0.0	0.9
021	7/28/2023 12:51:38	0.0	0.9
022	7/28/2023 12:52:38	0.0	0.9
023	7/28/2023 12:53:38	0.0	0.9
024	7/28/2023 12:54:38	0.0	0.9
025	7/28/2023 12:55:38	0.0	0.8
026	7/28/2023 12:56:38	0.0	0.8
027	7/28/2023 12:57:38	0.0	0.8
028	7/28/2023 12:58:38	0.0	0.8
029	7/28/2023 12:59:38	0.0	0.8
030	7/28/2023 13:00:38	0.0	0.8
031	7/28/2023 13:01:38	0.0	0.8
032	7/28/2023 13:02:38	0.1	0.8
033	7/28/2023 13:03:38	0.1	0.8
034	7/28/2023 13:04:38	0.1	0.8
035	7/28/2023 13:05:38	0.1	0.8
036	7/28/2023 13:06:38	0.1	0.8
037	7/28/2023 13:07:38	0.1	0.8
038	7/28/2023 13:08:38	0.1	0.8
039	7/28/2023 13:09:38	0.1	0.8
040	7/28/2023 13:10:38	0.1	0.7
041	7/28/2023 13:11:38	0.1	0.7
042	7/28/2023 13:12:38	0.1	0.7
043	7/28/2023 13:13:38	0.1	0.7
044	7/28/2023 13:14:38	0.1	0.7
045	7/28/2023 13:15:38	0.1	0.7
046	7/28/2023 13:16:38	0.1	0.7
047	7/28/2023 13:17:38	0.1	0.7
048	7/28/2023 13:18:38	0.1	0.7
049	7/28/2023 13:19:38	0.1	0.7
050	7/28/2023 13:20:38	0.1	0.7
051	7/28/2023 13:21:38	0.1	0.7
052	7/28/2023 13:22:38	0.1	0.7
053	7/28/2023 13:23:38	0.1	0.7
054	7/28/2023 13:24:38	0.1	0.7
055	7/28/2023 13:25:38	0.1	0.7
056	7/28/2023 13:26:38	0.1	0.7
057	7/28/2023 13:27:38	0.1	0.7
058	7/28/2023 13:28:38	0.1	0.7
059	7/28/2023 13:29:38	0.1	0.7
060	7/28/2023 13:30:38	0.1	0.7
061	7/28/2023 13:31:38	0.1	0.7
062	7/28/2023 13:32:38	0.1	0.7
063	7/28/2023 13:33:38	0.1	0.7
064	7/28/2023 13:34:38	0.1	0.7
065	7/28/2023 13:35:38	0.1	0.7
066	7/28/2023 13:36:38	0.1	0.7
067	7/28/2023 13:37:38	0.1	0.7
068	7/28/2023 13:38:38	0.1	0.7
069	7/28/2023 13:39:38	0.1	0.7
070	7/28/2023 13:40:38	0.1	0.7
071	7/28/2023 13:41:38	0.1	0.7
072	7/28/2023 13:42:38	0.1	0.7
073	7/28/2023 13:43:38	0.1	0.7
074	7/28/2023 13:44:38	0.1	0.7
075	7/28/2023 13:45:38	0.1	0.7
076	7/28/2023 13:46:38	0.1	0.7
077	7/28/2023 13:47:38	0.1	0.7
078	7/28/2023 13:48:38	0.1	0.7
079	7/28/2023 13:49:38	0.1	0.7
080	7/28/2023 13:50:38	0.1	0.7
081	7/28/2023 13:51:38	0.1	0.7
082	7/28/2023 13:52:38	0.1	0.7
083	7/28/2023 13:53:38	0.1	0.7
084	7/28/2023 13:54:38	0.1	0.7
085	7/28/2023 13:55:38	0.1	0.7
086	7/28/2023 13:56:38	0.1	0.7

```
=========================================================
23/07/31 08:01
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Summary

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```

Unit Name   MiniRAE 3000 +(PGM-7320)
Unit SN 592-601324
Unit Firmware Ver   V2.22A

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```

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

```
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```

Site ID 12345678
User ID 12345678

```
---------------------------------------------------------
```

Begin   7/31/2023 08:01:02
End   7/31/2023 12:04:12
Sample Period(s)   60
Number of Records   243

```
---------------------------------------------------------
```

Sensor PID(ppm)
Sensor SN   S023030154B4
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 15:18
Peak   0.8
Min   0.0
Average 0.5

```
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```

Datalog

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/31/2023 08:02:02	0.0	0.0	0.0
002	7/31/2023 08:03:02	0.0	0.0	0.0
003	7/31/2023 08:04:02	0.0	0.0	0.0
004	7/31/2023 08:05:02	0.0	0.0	0.0
005	7/31/2023 08:06:02	0.0	0.0	0.0
006	7/31/2023 08:07:02	0.0	0.0	0.0
007	7/31/2023 08:08:02	0.0	0.0	0.0
008	7/31/2023 08:09:02	0.0	0.0	0.0

#	Timestamp	V1	V2	V3
009	7/31/2023 08:10:02	0.0	0.0	0.0
010	7/31/2023 08:11:02	0.0	0.0	0.0
011	7/31/2023 08:12:02	0.0	0.0	0.0
012	7/31/2023 08:13:02	0.0	0.0	0.0
013	7/31/2023 08:14:02	0.0	0.0	0.0
014	7/31/2023 08:15:02	0.0	0.0	0.0
015	7/31/2023 08:16:02	0.0	0.0	0.0
016	7/31/2023 08:17:02	0.0	0.0	0.0
017	7/31/2023 08:18:02	0.0	0.0	0.0
018	7/31/2023 08:19:02	0.0	0.0	0.0
019	7/31/2023 08:20:02	0.0	0.0	0.0
020	7/31/2023 08:21:02	0.0	0.0	0.0
021	7/31/2023 08:22:02	0.0	0.0	0.0
022	7/31/2023 08:23:02	0.0	0.0	0.0
023	7/31/2023 08:24:02	0.0	0.0	0.0
024	7/31/2023 08:25:02	0.0	0.0	0.0
025	7/31/2023 08:26:02	0.0	0.0	0.0
026	7/31/2023 08:27:02	0.0	0.0	0.0
027	7/31/2023 08:28:02	0.0	0.0	0.0
028	7/31/2023 08:29:02	0.0	0.0	0.0
029	7/31/2023 08:30:02	0.0	0.0	0.0
030	7/31/2023 08:31:02	0.0	0.1	0.1
031	7/31/2023 08:32:02	0.0	0.1	0.1
032	7/31/2023 08:33:02	0.1	0.1	0.1
033	7/31/2023 08:34:02	0.1	0.1	0.1
034	7/31/2023 08:35:02	0.1	0.1	0.1
035	7/31/2023 08:36:02	0.1	0.1	0.1
036	7/31/2023 08:37:02	0.1	0.1	0.1
037	7/31/2023 08:38:02	0.1	0.1	0.1
038	7/31/2023 08:39:02	0.1	0.2	0.2
039	7/31/2023 08:40:02	0.2	0.2	0.2
040	7/31/2023 08:41:02	0.2	0.2	0.2
041	7/31/2023 08:42:02	0.2	0.2	0.2
042	7/31/2023 08:43:02	0.2	0.2	0.2
043	7/31/2023 08:44:02	0.2	0.2	0.2
044	7/31/2023 08:45:02	0.2	0.2	0.2
045	7/31/2023 08:46:02	0.2	0.2	0.2
046	7/31/2023 08:47:02	0.2	0.3	0.3
047	7/31/2023 08:48:02	0.3	0.3	0.3
048	7/31/2023 08:49:02	0.3	0.3	0.3
049	7/31/2023 08:50:02	0.3	0.3	0.3
050	7/31/2023 08:51:02	0.3	0.3	0.3
051	7/31/2023 08:52:02	0.3	0.3	0.3
052	7/31/2023 08:53:02	0.3	0.3	0.3
053	7/31/2023 08:54:02	0.3	0.4	0.3
054	7/31/2023 08:55:02	0.3	0.4	0.4
055	7/31/2023 08:56:02	0.4	0.4	0.4
056	7/31/2023 08:57:02	0.3	0.4	0.3
057	7/31/2023 08:58:02	0.3	0.3	0.3
058	7/31/2023 08:59:02	0.3	0.3	0.3
059	7/31/2023 09:00:02	0.3	0.3	0.3
060	7/31/2023 09:01:02	0.3	0.3	0.3
061	7/31/2023 09:02:02	0.3	0.4	0.4
062	7/31/2023 09:03:02	0.4	0.4	0.4
063	7/31/2023 09:04:02	0.4	0.4	0.4
064	7/31/2023 09:05:02	0.4	0.4	0.4
065	7/31/2023 09:06:02	0.4	0.4	0.4
066	7/31/2023 09:07:02	0.4	0.4	0.4
067	7/31/2023 09:08:02	0.4	0.4	0.4
068	7/31/2023 09:09:02	0.4	0.4	0.4
069	7/31/2023 09:10:02	0.4	0.4	0.4
070	7/31/2023 09:11:02	0.4	0.4	0.4
071	7/31/2023 09:12:02	0.4	0.4	0.4
072	7/31/2023 09:13:02	0.4	0.4	0.4
073	7/31/2023 09:14:02	0.4	0.4	0.4
074	7/31/2023 09:15:02	0.4	0.5	0.5
075	7/31/2023 09:16:02	0.5	0.5	0.5
076	7/31/2023 09:17:02	0.5	0.5	0.5
077	7/31/2023 09:18:02	0.5	0.5	0.5
078	7/31/2023 09:19:02	0.5	0.5	0.5
079	7/31/2023 09:20:02	0.5	0.5	0.5
080	7/31/2023 09:21:02	0.5	0.5	0.5
081	7/31/2023 09:22:02	0.5	0.5	0.5
082	7/31/2023 09:23:02	0.5	0.5	0.5
083	7/31/2023 09:24:02	0.5	0.5	0.5
084	7/31/2023 09:25:02	0.5	0.5	0.5
085	7/31/2023 09:26:02	0.5	0.5	0.5
086	7/31/2023 09:27:02	0.5	0.5	0.5
087	7/31/2023 09:28:02	0.5	0.5	0.5
088	7/31/2023 09:29:02	0.5	0.5	0.5
089	7/31/2023 09:30:02	0.6	0.6	0.6
090	7/31/2023 09:31:02	0.6	0.6	0.6
091	7/31/2023 09:32:02	0.6	0.6	0.6
092	7/31/2023 09:33:02	0.6	0.6	0.6
093	7/31/2023 09:34:02	0.6	0.6	0.6
094	7/31/2023 09:35:02	0.6	0.6	0.6
095	7/31/2023 09:36:02	0.6	0.6	0.6
096	7/31/2023 09:37:02	0.6	0.6	0.6
097	7/31/2023 09:38:02	0.6	0.6	0.6
098	7/31/2023 09:39:02	0.6	0.6	0.6
099	7/31/2023 09:40:02	0.6	0.6	0.6
100	7/31/2023 09:41:02	0.6	0.6	0.6
101	7/31/2023 09:42:02	0.6	0.7	0.7
102	7/31/2023 09:43:02	0.7	0.7	0.7
103	7/31/2023 09:44:02	0.7	0.7	0.7
104	7/31/2023 09:45:02	0.7	0.7	0.7
105	7/31/2023 09:46:02	0.7	0.7	0.7
106	7/31/2023 09:47:02	0.7	0.7	0.7
107	7/31/2023 09:48:02	0.7	0.7	0.7
108	7/31/2023 09:49:02	0.7	0.7	0.7
109	7/31/2023 09:50:02	0.7	0.7	0.7
110	7/31/2023 09:51:02	0.7	0.7	0.7
111	7/31/2023 09:52:02	0.7	0.7	0.7
112	7/31/2023 09:53:02	0.7	0.7	0.7
113	7/31/2023 09:54:02	0.7	0.7	0.7
114	7/31/2023 09:55:02	0.7	0.7	0.7
115	7/31/2023 09:56:02	0.7	0.7	0.7
116	7/31/2023 09:57:02	0.7	0.7	0.7
117	7/31/2023 09:58:02	0.7	0.7	0.7
118	7/31/2023 09:59:02	0.7	0.7	0.7
119	7/31/2023 10:00:02	0.7	0.7	0.7
120	7/31/2023 10:01:02	0.7	0.7	0.7
121	7/31/2023 10:02:02	0.7	0.7	0.7
122	7/31/2023 10:03:02	0.7	0.7	0.7
123	7/31/2023 10:04:02	0.7	0.7	0.7
124	7/31/2023 10:05:02	0.7	0.7	0.7
125	7/31/2023 10:06:02	0.7	0.8	0.7
126	7/31/2023 10:07:02	0.7	0.8	0.7
127	7/31/2023 10:08:02	0.7	0.8	0.8
128	7/31/2023 10:09:02	0.8	0.8	0.8
129	7/31/2023 10:10:02	0.8	0.8	0.8
130	7/31/2023 10:11:02	0.8	0.8	0.8
131	7/31/2023 10:12:02	0.8	0.8	0.8
132	7/31/2023 10:13:02	0.8	0.8	0.8
133	7/31/2023 10:14:02	0.8	0.8	0.8
134	7/31/2023 10:15:02	0.8	0.8	0.8
135	7/31/2023 10:16:02	0.8	0.8	0.8
136	7/31/2023 10:17:02	0.8	0.8	0.8
137	7/31/2023 10:18:02	0.8	0.8	0.8
138	7/31/2023 10:19:02	0.8	0.8	0.8
139	7/31/2023 10:20:02	0.7	0.8	0.8
140	7/31/2023 10:21:02	0.8	0.8	0.8
141	7/31/2023 10:22:02	0.8	0.8	0.8
142	7/31/2023 10:23:02	0.8	0.8	0.8
143	7/31/2023 10:24:02	0.8	0.8	0.8
144	7/31/2023 10:25:02	0.8	0.8	0.8
145	7/31/2023 10:26:02	0.8	0.8	0.7
146	7/31/2023 10:27:02	0.7	0.8	0.7
147	7/31/2023 10:28:02	0.7	0.7	0.7
148	7/31/2023 10:29:02	0.7	0.7	0.7
149	7/31/2023 10:30:02	0.7	0.7	0.7
150	7/31/2023 10:31:02	0.7	0.7	0.7
151	7/31/2023 10:32:02	0.7	0.7	0.7
152	7/31/2023 10:33:02	0.7	0.7	0.7
153	7/31/2023 10:34:02	0.7	0.7	0.7
154	7/31/2023 10:35:02	0.7	0.7	0.7
155	7/31/2023 10:36:02	0.7	0.7	0.7
156	7/31/2023 10:37:02	0.7	0.7	0.7
157	7/31/2023 10:38:02	0.7	0.7	0.7
158	7/31/2023 10:39:02	0.7	0.7	0.7
159	7/31/2023 10:40:02	0.7	0.7	0.7
160	7/31/2023 10:41:02	0.7	0.7	0.7
161	7/31/2023 10:42:02	0.7	0.7	0.7
162	7/31/2023 10:43:02	0.7	0.7	0.7
163	7/31/2023 10:44:02	0.7	0.7	0.7
164	7/31/2023 10:45:02	0.7	0.7	0.7
165	7/31/2023 10:46:02	0.7	0.7	0.7
166	7/31/2023 10:47:02	0.7	0.7	0.7
167	7/31/2023 10:48:02	0.7	0.7	0.7
168	7/31/2023 10:49:02	0.7	0.7	0.7
169	7/31/2023 10:50:02	0.7	0.7	0.7
170	7/31/2023 10:51:02	0.7	0.7	0.7
171	7/31/2023 10:52:02	0.7	0.7	0.7
172	7/31/2023 10:53:02	0.7	0.7	0.7
173	7/31/2023 10:54:02	0.7	0.7	0.7
174	7/31/2023 10:55:02	0.7	0.7	0.7
175	7/31/2023 10:56:02	0.7	0.7	0.7
176	7/31/2023 10:57:02	0.7	0.7	0.7
177	7/31/2023 10:58:02	0.7	0.7	0.7
178	7/31/2023 10:59:02	0.7	0.7	0.7
179	7/31/2023 11:00:02	0.7	0.7	0.7
180	7/31/2023 11:01:02	0.7	0.7	0.7
181	7/31/2023 11:02:02	0.7	0.7	0.7
182	7/31/2023 11:03:02	0.7	0.7	0.7
183	7/31/2023 11:04:02	0.7	0.7	0.7
184	7/31/2023 11:05:02	0.7	0.7	0.7
185	7/31/2023 11:06:02	0.7	0.7	0.7
186	7/31/2023 11:07:02	0.7	0.7	0.7
187	7/31/2023 11:08:02	0.7	0.7	0.7
188	7/31/2023 11:09:02	0.7	0.7	0.7
189	7/31/2023 11:10:02	0.7	0.7	0.7
190	7/31/2023 11:11:02	0.7	0.7	0.7
191	7/31/2023 11:12:02	0.7	0.7	0.7
192	7/31/2023 11:13:02	0.7	0.7	0.7
193	7/31/2023 11:14:02	0.7	0.7	0.7
194	7/31/2023 11:15:02	0.7	0.7	0.7
195	7/31/2023 11:16:02	0.7	0.7	0.7
196	7/31/2023 11:17:02	0.7	0.7	0.7
197	7/31/2023 11:18:02	0.7	0.7	0.7
198	7/31/2023 11:19:02	0.7	0.7	0.7
199	7/31/2023 11:20:02	0.7	0.7	0.7
200	7/31/2023 11:21:02	0.7	0.7	0.7
201	7/31/2023 11:22:02	0.7	0.7	0.7
202	7/31/2023 11:23:02	0.7	0.7	0.7
203	7/31/2023 11:24:02	0.7	0.7	0.7
204	7/31/2023 11:25:02	0.6	0.7	0.6
205	7/31/2023 11:26:02	0.6	0.6	0.6
206	7/31/2023 11:27:02	0.6	0.6	0.6
207	7/31/2023 11:28:02	0.6	0.6	0.6
208	7/31/2023 11:29:02	0.6	0.6	0.6

Index	Date/Time				
209	7/31/2023 11:30:02	0.6	0.6	0.6
210	7/31/2023 11:31:02	0.6	0.6	0.6
211	7/31/2023 11:32:02	0.6	0.6	0.6
212	7/31/2023 11:33:02	0.6	0.6	0.6
213	7/31/2023 11:34:02	0.6	0.6	0.6
214	7/31/2023 11:35:02	0.6	0.6	0.6
215	7/31/2023 11:36:02	0.6	0.6	0.6
216	7/31/2023 11:37:02	0.6	0.6	0.6
217	7/31/2023 11:38:02	0.6	0.6	0.6
218	7/31/2023 11:39:02	0.6	0.6	0.6
219	7/31/2023 11:40:02	0.6	0.6	0.6
220	7/31/2023 11:41:02	0.6	0.6	0.6
221	7/31/2023 11:42:02	0.6	0.6	0.6
222	7/31/2023 11:43:02	0.6	0.6	0.6
223	7/31/2023 11:44:02	0.6	0.6	0.6
224	7/31/2023 11:45:02	0.6	0.6	0.6
225	7/31/2023 11:46:02	0.6	0.6	0.6
226	7/31/2023 11:47:02	0.6	0.6	0.6
227	7/31/2023 11:48:02	0.6	0.6	0.6
228	7/31/2023 11:49:02	0.6	0.6	0.6
229	7/31/2023 11:50:02	0.6	0.6	0.6
230	7/31/2023 11:51:02	0.6	0.6	0.6
231	7/31/2023 11:52:02	0.6	0.6	0.6
232	7/31/2023 11:53:02	0.6	0.6	0.6
233	7/31/2023 11:54:02	0.6	0.6	0.6
234	7/31/2023 11:55:02	0.6	0.6	0.6
235	7/31/2023 11:56:02	0.6	0.6	0.6
236	7/31/2023 11:57:02	0.6	0.6	0.6
237	7/31/2023 11:58:02	0.6	0.6	0.6
238	7/31/2023 11:59:02	0.6	0.6	0.6
239	7/31/2023 12:00:02	0.6	0.6	0.6
240	7/31/2023 12:01:02	0.6	0.6	0.6
241	7/31/2023 12:02:02	0.6	0.6	0.6
242	7/31/2023 12:03:02	0.6	0.6	0.6
243	7/31/2023 12:04:02	0.6	0.6	0.6
Peak		0.8	0.8	0.8
Min		0.0	0.0	0.0
Average		0.5	0.5	0.5

```
************************************************************
```

TWA/STEL

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/31/2023 08:02:02	0.0	---
002	7/31/2023 08:03:02	0.0	---
003	7/31/2023 08:04:02	0.0	---
004	7/31/2023 08:05:02	0.0	---
005	7/31/2023 08:06:02	0.0	---
006	7/31/2023 08:07:02	0.0	---
007	7/31/2023 08:08:02	0.0	---
008	7/31/2023 08:09:02	0.0	---
009	7/31/2023 08:10:02	0.0	---
010	7/31/2023 08:11:02	0.0	---
011	7/31/2023 08:12:02	0.0	---
012	7/31/2023 08:13:02	0.0	---
013	7/31/2023 08:14:02	0.0	---
014	7/31/2023 08:15:02	0.0	---
015	7/31/2023 08:16:02	0.0	0.0
016	7/31/2023 08:17:02	0.0	0.0
017	7/31/2023 08:18:02	0.0	0.0
018	7/31/2023 08:19:02	0.0	0.0
019	7/31/2023 08:20:02	0.0	0.0
020	7/31/2023 08:21:02	0.0	0.0
021	7/31/2023 08:22:02	0.0	0.0
022	7/31/2023 08:23:02	0.0	0.0
023	7/31/2023 08:24:02	0.0	0.0
024	7/31/2023 08:25:02	0.0	0.0
025	7/31/2023 08:26:02	0.0	0.0
026	7/31/2023 08:27:02	0.0	0.0
027	7/31/2023 08:28:02	0.0	0.0
028	7/31/2023 08:29:02	0.0	0.0
029	7/31/2023 08:30:02	0.0	0.0
030	7/31/2023 08:31:02	0.0	0.0
031	7/31/2023 08:32:02	0.0	0.0
032	7/31/2023 08:33:02	0.0	0.0
033	7/31/2023 08:34:02	0.0	0.0
034	7/31/2023 08:35:02	0.0	0.0
035	7/31/2023 08:36:02	0.0	0.0
036	7/31/2023 08:37:02	0.0	0.0
037	7/31/2023 08:38:02	0.0	0.1
038	7/31/2023 08:39:02	0.0	0.1
039	7/31/2023 08:40:02	0.0	0.1
040	7/31/2023 08:41:02	0.0	0.1
041	7/31/2023 08:42:02	0.0	0.1
042	7/31/2023 08:43:02	0.0	0.1
043	7/31/2023 08:44:02	0.0	0.1
044	7/31/2023 08:45:02	0.0	0.1
045	7/31/2023 08:46:02	0.0	0.2
046	7/31/2023 08:47:02	0.0	0.2
047	7/31/2023 08:48:02	0.0	0.2
048	7/31/2023 08:49:02	0.0	0.2
049	7/31/2023 08:50:02	0.0	0.2
050	7/31/2023 08:51:02	0.0	0.2
051	7/31/2023 08:52:02	0.0	0.2
052	7/31/2023 08:53:02	0.0	0.3
053	7/31/2023 08:54:02	0.0	0.3
054	7/31/2023 08:55:02	0.0	0.3
055	7/31/2023 08:56:02	0.0	0.3
056	7/31/2023 08:57:02	0.0	0.3
057	7/31/2023 08:58:02	0.0	0.3
058	7/31/2023 08:59:02	0.0	0.3
059	7/31/2023 09:00:02	0.0	0.3
060	7/31/2023 09:01:02	0.0	0.3
061	7/31/2023 09:02:02	0.0	0.3
062	7/31/2023 09:03:02	0.0	0.3
063	7/31/2023 09:04:02	0.0	0.4
064	7/31/2023 09:05:02	0.0	0.4
065	7/31/2023 09:06:02	0.0	0.4
066	7/31/2023 09:07:02	0.0	0.4
067	7/31/2023 09:08:02	0.0	0.4
068	7/31/2023 09:09:02	0.0	0.4
069	7/31/2023 09:10:02	0.0	0.4
070	7/31/2023 09:11:02	0.0	0.4
071	7/31/2023 09:12:02	0.0	0.4
072	7/31/2023 09:13:02	0.0	0.4
073	7/31/2023 09:14:02	0.0	0.4
074	7/31/2023 09:15:02	0.0	0.4
075	7/31/2023 09:16:02	0.0	0.4
076	7/31/2023 09:17:02	0.0	0.4
077	7/31/2023 09:18:02	0.0	0.5
078	7/31/2023 09:19:02	0.0	0.5
079	7/31/2023 09:20:02	0.0	0.5
080	7/31/2023 09:21:02	0.0	0.5
081	7/31/2023 09:22:02	0.0	0.5
082	7/31/2023 09:23:02	0.0	0.5
083	7/31/2023 09:24:02	0.0	0.5
084	7/31/2023 09:25:02	0.0	0.5
085	7/31/2023 09:26:02	0.0	0.5
086	7/31/2023 09:27:02	0.0	0.5
087	7/31/2023 09:28:02	0.0	0.5
088	7/31/2023 09:29:02	0.0	0.5
089	7/31/2023 09:30:02	0.0	0.5
090	7/31/2023 09:31:02	0.0	0.5
091	7/31/2023 09:32:02	0.0	0.6
092	7/31/2023 09:33:02	0.0	0.6
093	7/31/2023 09:34:02	0.0	0.6
094	7/31/2023 09:35:02	0.0	0.6
095	7/31/2023 09:36:02	0.1	0.6
096	7/31/2023 09:37:02	0.1	0.6
097	7/31/2023 09:38:02	0.1	0.6
098	7/31/2023 09:39:02	0.1	0.6
099	7/31/2023 09:40:02	0.1	0.6
100	7/31/2023 09:41:02	0.1	0.6
101	7/31/2023 09:42:02	0.1	0.6
102	7/31/2023 09:43:02	0.1	0.6
103	7/31/2023 09:44:02	0.1	0.7
104	7/31/2023 09:45:02	0.1	0.7
105	7/31/2023 09:46:02	0.1	0.7
106	7/31/2023 09:47:02	0.1	0.7
107	7/31/2023 09:48:02	0.1	0.7
108	7/31/2023 09:49:02	0.1	0.7
109	7/31/2023 09:50:02	0.1	0.7
110	7/31/2023 09:51:02	0.1	0.7
111	7/31/2023 09:52:02	0.1	0.7
112	7/31/2023 09:53:02	0.1	0.7
113	7/31/2023 09:54:02	0.1	0.7
114	7/31/2023 09:55:02	0.1	0.7
115	7/31/2023 09:56:02	0.1	0.7
116	7/31/2023 09:57:02	0.1	0.7
117	7/31/2023 09:58:02	0.1	0.7
118	7/31/2023 09:59:02	0.1	0.7
119	7/31/2023 10:00:02	0.1	0.7
120	7/31/2023 10:01:02	0.1	0.7
121	7/31/2023 10:02:02	0.1	0.7
122	7/31/2023 10:03:02	0.1	0.7
123	7/31/2023 10:04:02	0.1	0.7
124	7/31/2023 10:05:02	0.1	0.7
125	7/31/2023 10:06:02	0.1	0.7
126	7/31/2023 10:07:02	0.1	0.7
127	7/31/2023 10:08:02	0.1	0.8
128	7/31/2023 10:09:02	0.1	0.8
129	7/31/2023 10:10:02	0.1	0.8
130	7/31/2023 10:11:02	0.1	0.8
131	7/31/2023 10:12:02	0.1	0.8
132	7/31/2023 10:13:02	0.1	0.8
133	7/31/2023 10:14:02	0.1	0.8
134	7/31/2023 10:15:02	0.1	0.8
135	7/31/2023 10:16:02	0.1	0.8
136	7/31/2023 10:17:02	0.1	0.8
137	7/31/2023 10:18:02	0.1	0.8
138	7/31/2023 10:19:02	0.1	0.8
139	7/31/2023 10:20:02	0.1	0.8
140	7/31/2023 10:21:02	0.1	0.8
141	7/31/2023 10:22:02	0.1	0.8
142	7/31/2023 10:23:02	0.1	0.9
143	7/31/2023 10:24:02	0.1	0.9
144	7/31/2023 10:25:02	0.1	0.9
145	7/31/2023 10:26:02	0.1	0.8
146	7/31/2023 10:27:02	0.1	0.8
147	7/31/2023 10:28:02	0.1	0.8
148	7/31/2023 10:29:02	0.1	0.8
149	7/31/2023 10:30:02	0.1	0.8
150	7/31/2023 10:31:02	0.1	0.8
151	7/31/2023 10:32:02	0.1	0.8
152	7/31/2023 10:33:02	0.1	0.8
153	7/31/2023 10:34:02	0.1	0.8
154	7/31/2023 10:35:02	0.1	0.8
155	7/31/2023 10:36:02	0.1	0.8
156	7/31/2023 10:37:02	0.1	0.8
157	7/31/2023 10:38:02	0.1	0.8

Index	Date/Time		
158	7/31/2023 10:39:02	0.1	0.8
159	7/31/2023 10:40:02	0.1	0.8
160	7/31/2023 10:41:02	0.1	0.7
161	7/31/2023 10:42:02	0.1	0.7
162	7/31/2023 10:43:02	0.2	0.7
163	7/31/2023 10:44:02	0.2	0.7
164	7/31/2023 10:45:02	0.2	0.7
165	7/31/2023 10:46:02	0.2	0.7
166	7/31/2023 10:47:02	0.2	0.7
167	7/31/2023 10:48:02	0.2	0.7
168	7/31/2023 10:49:02	0.2	0.7
169	7/31/2023 10:50:02	0.2	0.7
170	7/31/2023 10:51:02	0.2	0.7
171	7/31/2023 10:52:02	0.2	0.7
172	7/31/2023 10:53:02	0.2	0.7
173	7/31/2023 10:54:02	0.2	0.7
174	7/31/2023 10:55:02	0.2	0.7
175	7/31/2023 10:56:02	0.2	0.7
176	7/31/2023 10:57:02	0.2	0.7
177	7/31/2023 10:58:02	0.2	0.7
178	7/31/2023 10:59:02	0.2	0.7
179	7/31/2023 11:00:02	0.2	0.7
180	7/31/2023 11:01:02	0.2	0.7
181	7/31/2023 11:02:02	0.2	0.7
182	7/31/2023 11:03:02	0.2	0.7
183	7/31/2023 11:04:02	0.2	0.7
184	7/31/2023 11:05:02	0.2	0.7
185	7/31/2023 11:06:02	0.2	0.7
186	7/31/2023 11:07:02	0.2	0.7
187	7/31/2023 11:08:02	0.2	0.7
188	7/31/2023 11:09:02	0.2	0.7
189	7/31/2023 11:10:02	0.2	0.7
190	7/31/2023 11:11:02	0.2	0.7
191	7/31/2023 11:12:02	0.2	0.7
192	7/31/2023 11:13:02	0.2	0.7
193	7/31/2023 11:14:02	0.2	0.7
194	7/31/2023 11:15:02	0.2	0.7
195	7/31/2023 11:16:02	0.2	0.7
196	7/31/2023 11:17:02	0.2	0.7
197	7/31/2023 11:18:02	0.2	0.7
198	7/31/2023 11:19:02	0.2	0.7
199	7/31/2023 11:20:02	0.2	0.7
200	7/31/2023 11:21:02	0.2	0.7
201	7/31/2023 11:22:02	0.2	0.7
202	7/31/2023 11:23:02	0.2	0.7
203	7/31/2023 11:24:02	0.2	0.7
204	7/31/2023 11:25:02	0.2	0.7
205	7/31/2023 11:26:02	0.2	0.7
206	7/31/2023 11:27:02	0.2	0.7
207	7/31/2023 11:28:02	0.2	0.7
208	7/31/2023 11:29:02	0.2	0.7
209	7/31/2023 11:30:02	0.2	0.7
210	7/31/2023 11:31:02	0.2	0.7
211	7/31/2023 11:32:02	0.2	0.7
212	7/31/2023 11:33:02	0.2	0.7
213	7/31/2023 11:34:02	0.2	0.7
214	7/31/2023 11:35:02	0.2	0.7
215	7/31/2023 11:36:02	0.2	0.7
216	7/31/2023 11:37:02	0.2	0.7
217	7/31/2023 11:38:02	0.2	0.7
218	7/31/2023 11:39:02	0.2	0.6
219	7/31/2023 11:40:02	0.2	0.6
220	7/31/2023 11:41:02	0.2	0.6
221	7/31/2023 11:42:02	0.2	0.6
222	7/31/2023 11:43:02	0.2	0.6
223	7/31/2023 11:44:02	0.2	0.6
224	7/31/2023 11:45:02	0.2	0.6
225	7/31/2023 11:46:02	0.2	0.6
226	7/31/2023 11:47:02	0.2	0.6
227	7/31/2023 11:48:02	0.2	0.6
228	7/31/2023 11:49:02	0.2	0.6
229	7/31/2023 11:50:02	0.2	0.6
230	7/31/2023 11:51:02	0.2	0.6
231	7/31/2023 11:52:02	0.2	0.6
232	7/31/2023 11:53:02	0.2	0.6
233	7/31/2023 11:54:02	0.2	0.6
234	7/31/2023 11:55:02	0.2	0.6
235	7/31/2023 11:56:02	0.3	0.6
236	7/31/2023 11:57:02	0.3	0.6
237	7/31/2023 11:58:02	0.3	0.6
238	7/31/2023 11:59:02	0.3	0.6
239	7/31/2023 12:00:02	0.3	0.6
240	7/31/2023 12:01:02	0.3	0.6
241	7/31/2023 12:02:02	0.3	0.6
242	7/31/2023 12:03:02	0.3	0.6
243	7/31/2023 12:04:02	0.3	0.6

```
============================================================
23/07/28 09:41
************************************************************
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     Power Down
------------------------------------------------------------
Site ID 12345678
User ID 12345678
------------------------------------------------------------
Begin   7/28/2023 09:41:00
End     7/28/2023 10:23:18
Sample Period(s)       60
Number of Records      42
------------------------------------------------------------
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    0.1
Min    0.0
Average 0.0
```

```
************************************************************
Datalog
```

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/28/2023 09:42:00	0.0	0.0	0.0
002	7/28/2023 09:43:00	0.0	0.0	0.0
003	7/28/2023 09:44:00	0.0	0.0	0.0
004	7/28/2023 09:45:00	0.0	0.0	0.0
005	7/28/2023 09:46:00	0.0	0.0	0.0
006	7/28/2023 09:47:00	0.0	0.0	0.0
007	7/28/2023 09:48:00	0.0	0.0	0.0
008	7/28/2023 09:49:00	0.0	0.0	0.0
009	7/28/2023 09:50:00	0.0	0.0	0.0
010	7/28/2023 09:51:00	0.0	0.0	0.0
011	7/28/2023 09:52:00	0.0	0.0	0.0
012	7/28/2023 09:53:00	0.0	0.0	0.0
013	7/28/2023 09:54:00	0.0	0.0	0.0
014	7/28/2023 09:55:00	0.0	0.0	0.0
015	7/28/2023 09:56:00	0.0	0.0	0.0
016	7/28/2023 09:57:00	0.0	0.0	0.0
017	7/28/2023 09:58:00	0.0	0.0	0.0
018	7/28/2023 09:59:00	0.0	0.0	0.0
019	7/28/2023 10:00:00	0.0	0.0	0.0
020	7/28/2023 10:01:00	0.0	0.0	0.0
021	7/28/2023 10:02:00	0.0	0.0	0.0
022	7/28/2023 10:03:00	0.0	0.0	0.0
023	7/28/2023 10:04:00	0.0	0.0	0.0
024	7/28/2023 10:05:00	0.0	0.0	0.0
025	7/28/2023 10:06:00	0.0	0.0	0.0
026	7/28/2023 10:07:00	0.0	0.0	0.0
027	7/28/2023 10:08:00	0.0	0.0	0.0
028	7/28/2023 10:09:00	0.0	0.0	0.0
029	7/28/2023 10:10:00	0.0	0.0	0.0
030	7/28/2023 10:11:00	0.0	0.0	0.0
031	7/28/2023 10:12:00	0.0	0.0	0.0
032	7/28/2023 10:13:00	0.0	0.0	0.0
033	7/28/2023 10:14:00	0.0	0.0	0.0
034	7/28/2023 10:15:00	0.0	0.0	0.0
035	7/28/2023 10:16:00	0.0	0.0	0.0
036	7/28/2023 10:17:00	0.0	0.0	0.0
037	7/28/2023 10:18:00	0.0	0.0	0.0
038	7/28/2023 10:19:00	0.0	0.0	0.0
039	7/28/2023 10:20:00	0.0	0.1	0.1
040	7/28/2023 10:21:00	0.1	0.1	0.1
041	7/28/2023 10:22:00	0.1	0.1	0.1
042	7/28/2023 10:23:00	0.1	0.1	0.1
Peak		0.1	0.1	0.1
Min		0.0	0.0	0.0
Average		0.0	0.0	0.0

```
************************************************************
TWA/STEL
```

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 09:42:00	0.0	---
002	7/28/2023 09:43:00	0.0	---
003	7/28/2023 09:44:00	0.0	---
004	7/28/2023 09:45:00	0.0	---
005	7/28/2023 09:46:00	0.0	---
006	7/28/2023 09:47:00	0.0	---
007	7/28/2023 09:48:00	0.0	---
008	7/28/2023 09:49:00	0.0	---

009	7/28/2023 09:50:00	0.0	---
010	7/28/2023 09:51:00	0.0	---
011	7/28/2023 09:52:00	0.0	---
012	7/28/2023 09:53:00	0.0	---
013	7/28/2023 09:54:00	0.0	---
014	7/28/2023 09:55:00	0.0	---
015	7/28/2023 09:56:00	0.0	0.0
016	7/28/2023 09:57:00	0.0	0.0
017	7/28/2023 09:58:00	0.0	0.0
018	7/28/2023 09:59:00	0.0	0.0
019	7/28/2023 10:00:00	0.0	0.0
020	7/28/2023 10:01:00	0.0	0.0
021	7/28/2023 10:02:00	0.0	0.0
022	7/28/2023 10:03:00	0.0	0.0
023	7/28/2023 10:04:00	0.0	0.0
024	7/28/2023 10:05:00	0.0	0.0
025	7/28/2023 10:06:00	0.0	0.0
026	7/28/2023 10:07:00	0.0	0.0
027	7/28/2023 10:08:00	0.0	0.0
028	7/28/2023 10:09:00	0.0	0.0
029	7/28/2023 10:10:00	0.0	0.0
030	7/28/2023 10:11:00	0.0	0.0
031	7/28/2023 10:12:00	0.0	0.0
032	7/28/2023 10:13:00	0.0	0.0
033	7/28/2023 10:14:00	0.0	0.0
034	7/28/2023 10:15:00	0.0	0.0
035	7/28/2023 10:16:00	0.0	0.0
036	7/28/2023 10:17:00	0.0	0.0
037	7/28/2023 10:18:00	0.0	0.0
038	7/28/2023 10:19:00	0.0	0.0
039	7/28/2023 10:20:00	0.0	0.0
040	7/28/2023 10:21:00	0.0	0.0
041	7/28/2023 10:22:00	0.0	0.0
042	7/28/2023 10:23:00	0.0	0.0

```
============================================================
23/07/28 11:50
************************************************************
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     Power Down
------------------------------------------------------------
Site ID 12345678
User ID 12345678
```

```
------------------------------------------------------------
Begin   7/28/2023 11:50:32
End     7/28/2023 12:47:32
Sample Period(s)      60
Number of Records     57
------------------------------------------------------------
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     0.3
Average 0.4
************************************************************
Datalog
```

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/28/2023 11:51:32	0.2	0.3	0.3
002	7/28/2023 11:52:32	0.3	0.3	0.3
003	7/28/2023 11:53:32	0.3	0.3	0.3
004	7/28/2023 11:54:32	0.3	0.3	0.3
005	7/28/2023 11:55:32	0.3	0.4	0.4
006	7/28/2023 11:56:32	0.4	0.4	0.4
007	7/28/2023 11:57:32	0.4	0.4	0.4
008	7/28/2023 11:58:32	0.4	0.4	0.4
009	7/28/2023 11:59:32	0.4	0.4	0.4
010	7/28/2023 12:00:32	0.4	0.4	0.4
011	7/28/2023 12:01:32	0.4	0.4	0.4
012	7/28/2023 12:02:32	0.4	0.4	0.4
013	7/28/2023 12:03:32	0.4	0.4	0.4
014	7/28/2023 12:04:32	0.4	0.4	0.4
015	7/28/2023 12:05:32	0.4	0.4	0.4
016	7/28/2023 12:06:32	0.4	0.4	0.4
017	7/28/2023 12:07:32	0.4	0.4	0.4
018	7/28/2023 12:08:32	0.4	0.4	0.4
019	7/28/2023 12:09:32	0.4	0.4	0.4
020	7/28/2023 12:10:32	0.4	0.4	0.4
021	7/28/2023 12:11:32	0.4	0.4	0.4
022	7/28/2023 12:12:32	0.4	0.4	0.4
023	7/28/2023 12:13:32	0.4	0.4	0.4
024	7/28/2023 12:14:32	0.4	0.4	0.4
025	7/28/2023 12:15:32	0.4	0.4	0.4
026	7/28/2023 12:16:32	0.4	0.4	0.4
027	7/28/2023 12:17:32	0.4	0.4	0.4
028	7/28/2023 12:18:32	0.4	0.4	0.4
029	7/28/2023 12:19:32	0.4	0.4	0.4
030	7/28/2023 12:20:32	0.4	0.4	0.4
031	7/28/2023 12:21:32	0.4	0.4	0.4
032	7/28/2023 12:22:32	0.4	0.4	0.4
033	7/28/2023 12:23:32	0.4	0.4	0.4
034	7/28/2023 12:24:32	0.4	0.4	0.4
035	7/28/2023 12:25:32	0.4	0.4	0.4
036	7/28/2023 12:26:32	0.4	0.4	0.4
037	7/28/2023 12:27:32	0.4	0.4	0.4
038	7/28/2023 12:28:32	0.4	0.4	0.4
039	7/28/2023 12:29:32	0.4	0.4	0.4
040	7/28/2023 12:30:32	0.4	0.4	0.4
041	7/28/2023 12:31:32	0.4	0.4	0.4
042	7/28/2023 12:32:32	0.4	0.4	0.4
043	7/28/2023 12:33:32	0.4	0.4	0.4
044	7/28/2023 12:34:32	0.4	0.4	0.4
045	7/28/2023 12:35:32	0.4	0.4	0.4
046	7/28/2023 12:36:32	0.4	0.4	0.4
047	7/28/2023 12:37:32	0.4	0.4	0.4
048	7/28/2023 12:38:32	0.4	0.5	0.4
049	7/28/2023 12:39:32	0.4	0.5	0.5
050	7/28/2023 12:40:32	0.5	0.5	0.5
051	7/28/2023 12:41:32	0.5	0.5	0.5
052	7/28/2023 12:42:32	0.5	0.5	0.5
053	7/28/2023 12:43:32	0.5	0.5	0.5
054	7/28/2023 12:44:32	0.5	0.5	0.5
055	7/28/2023 12:45:32	0.5	0.5	0.5
056	7/28/2023 12:46:32	0.5	0.5	0.5
057	7/28/2023 12:47:32	0.5	0.5	0.4
Peak		0.5	0.5	0.5
Min		0.2	0.3	0.3
Average		0.4	0.4	0.4

```
************************************************************
TWA/STEL
```

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 11:51:32	0.0	---
002	7/28/2023 11:52:32	0.0	---
003	7/28/2023 11:53:32	0.0	---
004	7/28/2023 11:54:32	0.0	---
005	7/28/2023 11:55:32	0.0	---
006	7/28/2023 11:56:32	0.0	---
007	7/28/2023 11:57:32	0.0	---
008	7/28/2023 11:58:32	0.0	---
009	7/28/2023 11:59:32	0.0	---
010	7/28/2023 12:00:32	0.0	---
011	7/28/2023 12:01:32	0.0	---
012	7/28/2023 12:02:32	0.0	---
013	7/28/2023 12:03:32	0.0	---
014	7/28/2023 12:04:32	0.0	---
015	7/28/2023 12:05:32	0.0	0.4
016	7/28/2023 12:06:32	0.0	0.4
017	7/28/2023 12:07:32	0.0	0.4
018	7/28/2023 12:08:32	0.0	0.4
019	7/28/2023 12:09:32	0.0	0.4
020	7/28/2023 12:10:32	0.0	0.4
021	7/28/2023 12:11:32	0.0	0.4
022	7/28/2023 12:12:32	0.0	0.4
023	7/28/2023 12:13:32	0.0	0.4
024	7/28/2023 12:14:32	0.0	0.4
025	7/28/2023 12:15:32	0.0	0.4
026	7/28/2023 12:16:32	0.0	0.4
027	7/28/2023 12:17:32	0.0	0.4
028	7/28/2023 12:18:32	0.0	0.4
029	7/28/2023 12:19:32	0.0	0.4
030	7/28/2023 12:20:32	0.0	0.4
031	7/28/2023 12:21:32	0.0	0.4
032	7/28/2023 12:22:32	0.0	0.4
033	7/28/2023 12:23:32	0.0	0.4
034	7/28/2023 12:24:32	0.0	0.4
035	7/28/2023 12:25:32	0.0	0.4
036	7/28/2023 12:26:32	0.0	0.4
037	7/28/2023 12:27:32	0.0	0.4
038	7/28/2023 12:28:32	0.0	0.4
039	7/28/2023 12:29:32	0.0	0.4
040	7/28/2023 12:30:32	0.0	0.4
041	7/28/2023 12:31:32	0.0	0.4
042	7/28/2023 12:32:32	0.0	0.4
043	7/28/2023 12:33:32	0.0	0.4
044	7/28/2023 12:34:32	0.0	0.4
045	7/28/2023 12:35:32	0.0	0.4
046	7/28/2023 12:36:32	0.0	0.4
047	7/28/2023 12:37:32	0.0	0.4
048	7/28/2023 12:38:32	0.0	0.4
049	7/28/2023 12:39:32	0.0	0.4
050	7/28/2023 12:40:32	0.0	0.4
051	7/28/2023 12:41:32	0.0	0.4
052	7/28/2023 12:42:32	0.0	0.5
053	7/28/2023 12:43:32	0.0	0.5
054	7/28/2023 12:44:32	0.0	0.5
055	7/28/2023 12:45:32	0.0	0.5
056	7/28/2023 12:46:32	0.0	0.5
057	7/28/2023 12:47:32	0.0	0.5

```
============================================================
23/07/28 13:06
```

```
**********************************************************
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     Power Down
----------------------------------------------------------
Site ID 12345678
User ID 12345678
----------------------------------------------------------
Begin   7/28/2023 13:06:01
End     7/28/2023 14:45:41
Sample Period(s)      60
Number of Records     99
----------------------------------------------------------
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    0.4
Min     0.4
Average 0.4
```

```
**********************************************************
Datalog
                PID(ppm)   PID(ppm)   PID(ppm)
                 (Avg)    (Max)   (Real)
Index  Date/Time
```

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/28/2023 13:07:01	0.4	0.5	0.4
002	7/28/2023 13:08:01	0.4	0.4	0.4
003	7/28/2023 13:09:01	0.4	0.4	0.4
004	7/28/2023 13:10:01	0.4	0.4	0.4
005	7/28/2023 13:11:01	0.4	0.4	0.4
006	7/28/2023 13:12:01	0.4	0.4	0.4
007	7/28/2023 13:13:01	0.4	0.4	0.4
008	7/28/2023 13:14:01	0.4	0.4	0.4
009	7/28/2023 13:15:01	0.4	0.4	0.4
010	7/28/2023 13:16:01	0.4	0.4	0.4
011	7/28/2023 13:17:01	0.4	0.4	0.4
012	7/28/2023 13:18:01	0.4	0.4	0.4
013	7/28/2023 13:19:01	0.4	0.4	0.4
014	7/28/2023 13:20:01	0.4	0.4	0.4
015	7/28/2023 13:21:01	0.4	0.4	0.4
016	7/28/2023 13:22:01	0.4	0.4	0.4
017	7/28/2023 13:23:01	0.4	0.4	0.4
018	7/28/2023 13:24:01	0.4	0.4	0.4
019	7/28/2023 13:25:01	0.4	0.4	0.4
020	7/28/2023 13:26:01	0.4	0.4	0.4
021	7/28/2023 13:27:01	0.4	0.4	0.4
022	7/28/2023 13:28:01	0.4	0.4	0.4
023	7/28/2023 13:29:01	0.4	0.4	0.4
024	7/28/2023 13:30:01	0.4	0.4	0.4
025	7/28/2023 13:31:01	0.4	0.4	0.4
026	7/28/2023 13:32:01	0.4	0.4	0.4
027	7/28/2023 13:33:01	0.4	0.4	0.4
028	7/28/2023 13:34:01	0.4	0.4	0.4
029	7/28/2023 13:35:01	0.4	0.4	0.4
030	7/28/2023 13:36:01	0.4	0.4	0.4
031	7/28/2023 13:37:01	0.4	0.4	0.4
032	7/28/2023 13:38:01	0.4	0.4	0.4
033	7/28/2023 13:39:01	0.4	0.4	0.4
034	7/28/2023 13:40:01	0.4	0.4	0.4
035	7/28/2023 13:41:01	0.4	0.4	0.4
036	7/28/2023 13:42:01	0.4	0.4	0.4
037	7/28/2023 13:43:01	0.4	0.4	0.4
038	7/28/2023 13:44:01	0.4	0.4	0.4
039	7/28/2023 13:45:01	0.4	0.4	0.4
040	7/28/2023 13:46:01	0.4	0.4	0.4
041	7/28/2023 13:47:01	0.4	0.4	0.4
042	7/28/2023 13:48:01	0.4	0.4	0.4
043	7/28/2023 13:49:01	0.4	0.4	0.4
044	7/28/2023 13:50:01	0.4	0.4	0.4
045	7/28/2023 13:51:01	0.4	0.4	0.4
046	7/28/2023 13:52:01	0.4	0.4	0.4
047	7/28/2023 13:53:01	0.4	0.4	0.4
048	7/28/2023 13:54:01	0.4	0.4	0.4
049	7/28/2023 13:55:01	0.4	0.4	0.4
050	7/28/2023 13:56:01	0.4	0.4	0.4
051	7/28/2023 13:57:01	0.4	0.4	0.4
052	7/28/2023 13:58:01	0.4	0.4	0.4
053	7/28/2023 13:59:01	0.4	0.4	0.4
054	7/28/2023 14:00:01	0.4	0.4	0.4
055	7/28/2023 14:01:01	0.4	0.4	0.4
056	7/28/2023 14:02:01	0.4	0.4	0.4
057	7/28/2023 14:03:01	0.4	0.4	0.4
058	7/28/2023 14:04:01	0.4	0.4	0.4
059	7/28/2023 14:05:01	0.4	0.4	0.4
060	7/28/2023 14:06:01	0.4	0.4	0.4
061	7/28/2023 14:07:01	0.4	0.4	0.4
062	7/28/2023 14:08:01	0.4	0.4	0.4
063	7/28/2023 14:09:01	0.4	0.4	0.4
064	7/28/2023 14:10:01	0.4	0.4	0.4
065	7/28/2023 14:11:01	0.4	0.4	0.4
066	7/28/2023 14:12:01	0.4	0.4	0.4
067	7/28/2023 14:13:01	0.4	0.4	0.4
068	7/28/2023 14:14:01	0.4	0.4	0.4
069	7/28/2023 14:15:01	0.4	0.4	0.4
070	7/28/2023 14:16:01	0.4	0.4	0.4
071	7/28/2023 14:17:01	0.4	0.4	0.4
072	7/28/2023 14:18:01	0.4	0.4	0.4
073	7/28/2023 14:19:01	0.4	0.4	0.4
074	7/28/2023 14:20:01	0.4	0.4	0.4
075	7/28/2023 14:21:01	0.4	0.4	0.4
076	7/28/2023 14:22:01	0.4	0.4	0.4
077	7/28/2023 14:23:01	0.4	0.4	0.4
078	7/28/2023 14:24:01	0.4	0.4	0.4
079	7/28/2023 14:25:01	0.4	0.4	0.4
080	7/28/2023 14:26:01	0.4	0.4	0.4
081	7/28/2023 14:27:01	0.4	0.4	0.4
082	7/28/2023 14:28:01	0.4	0.4	0.4
083	7/28/2023 14:29:01	0.4	0.4	0.4
084	7/28/2023 14:30:01	0.4	0.4	0.4
085	7/28/2023 14:31:01	0.4	0.4	0.4
086	7/28/2023 14:32:01	0.4	0.4	0.4
087	7/28/2023 14:33:01	0.4	0.4	0.4
088	7/28/2023 14:34:01	0.4	0.5	0.4
089	7/28/2023 14:35:01	0.4	0.4	0.4
090	7/28/2023 14:36:01	0.4	0.4	0.4
091	7/28/2023 14:37:01	0.4	0.4	0.4
092	7/28/2023 14:38:01	0.4	0.4	0.4
093	7/28/2023 14:39:01	0.4	0.4	0.4
094	7/28/2023 14:40:01	0.4	0.4	0.4
095	7/28/2023 14:41:01	0.4	0.4	0.4
096	7/28/2023 14:42:01	0.4	0.4	0.4
097	7/28/2023 14:43:01	0.4	0.4	0.4
098	7/28/2023 14:44:01	0.4	0.4	0.4
099	7/28/2023 14:45:01	0.4	0.4	0.4
Peak		0.4	0.5	0.4
Min		0.4	0.4	0.4
Average		0.4	0.4	0.4

```
**********************************************************
TWA/STEL
                PID(ppm)   PID(ppm)
                 (TWA)    (STEL)
Index  Date/Time
```

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 13:07:01	0.0	---
002	7/28/2023 13:08:01	0.0	---
003	7/28/2023 13:09:01	0.0	---
004	7/28/2023 13:10:01	0.0	---
005	7/28/2023 13:11:01	0.0	---
006	7/28/2023 13:12:01	0.0	---
007	7/28/2023 13:13:01	0.0	---
008	7/28/2023 13:14:01	0.0	---
009	7/28/2023 13:15:01	0.0	---
010	7/28/2023 13:16:01	0.0	---
011	7/28/2023 13:17:01	0.0	---
012	7/28/2023 13:18:01	0.0	---
013	7/28/2023 13:19:01	0.0	---
014	7/28/2023 13:20:01	0.0	---
015	7/28/2023 13:21:01	0.0	0.4
016	7/28/2023 13:22:01	0.0	0.4
017	7/28/2023 13:23:01	0.0	0.4
018	7/28/2023 13:24:01	0.0	0.4
019	7/28/2023 13:25:01	0.0	0.4
020	7/28/2023 13:26:01	0.0	0.4
021	7/28/2023 13:27:01	0.0	0.4
022	7/28/2023 13:28:01	0.0	0.4
023	7/28/2023 13:29:01	0.0	0.4
024	7/28/2023 13:30:01	0.0	0.4
025	7/28/2023 13:31:01	0.0	0.4
026	7/28/2023 13:32:01	0.0	0.4
027	7/28/2023 13:33:01	0.0	0.4
028	7/28/2023 13:34:01	0.0	0.4
029	7/28/2023 13:35:01	0.0	0.4
030	7/28/2023 13:36:01	0.0	0.4
031	7/28/2023 13:37:01	0.0	0.4
032	7/28/2023 13:38:01	0.0	0.4
033	7/28/2023 13:39:01	0.0	0.4
034	7/28/2023 13:40:01	0.0	0.4
035	7/28/2023 13:41:01	0.0	0.4
036	7/28/2023 13:42:01	0.0	0.4
037	7/28/2023 13:43:01	0.0	0.4
038	7/28/2023 13:44:01	0.0	0.4
039	7/28/2023 13:45:01	0.0	0.4
040	7/28/2023 13:46:01	0.0	0.4
041	7/28/2023 13:47:01	0.0	0.4
042	7/28/2023 13:48:01	0.0	0.4
043	7/28/2023 13:49:01	0.0	0.4
044	7/28/2023 13:50:01	0.0	0.4
045	7/28/2023 13:51:01	0.0	0.4
046	7/28/2023 13:52:01	0.0	0.4
047	7/28/2023 13:53:01	0.0	0.4
048	7/28/2023 13:54:01	0.0	0.4
049	7/28/2023 13:55:01	0.0	0.4
050	7/28/2023 13:56:01	0.0	0.4
051	7/28/2023 13:57:01	0.0	0.4
052	7/28/2023 13:58:01	0.0	0.4
053	7/28/2023 13:59:01	0.0	0.4

```
054    7/28/2023 14:00:01    0.0    0.4
055    7/28/2023 14:01:01    0.0    0.4
056    7/28/2023 14:02:01    0.0    0.4
057    7/28/2023 14:03:01    0.0    0.4
058    7/28/2023 14:04:01    0.0    0.4
059    7/28/2023 14:05:01    0.0    0.4
060    7/28/2023 14:06:01    0.0    0.4
061    7/28/2023 14:07:01    0.1    0.4
062    7/28/2023 14:08:01    0.1    0.4
063    7/28/2023 14:09:01    0.1    0.4
064    7/28/2023 14:10:01    0.1    0.4
065    7/28/2023 14:11:01    0.1    0.4
066    7/28/2023 14:12:01    0.1    0.4
067    7/28/2023 14:13:01    0.1    0.4
068    7/28/2023 14:14:01    0.1    0.4
069    7/28/2023 14:15:01    0.1    0.4
070    7/28/2023 14:16:01    0.1    0.4
071    7/28/2023 14:17:01    0.1    0.4
072    7/28/2023 14:18:01    0.1    0.4
073    7/28/2023 14:19:01    0.1    0.4
074    7/28/2023 14:20:01    0.1    0.4
075    7/28/2023 14:21:01    0.1    0.4
076    7/28/2023 14:22:01    0.1    0.4
077    7/28/2023 14:23:01    0.1    0.4
078    7/28/2023 14:24:01    0.1    0.4
079    7/28/2023 14:25:01    0.1    0.4
080    7/28/2023 14:26:01    0.1    0.4
081    7/28/2023 14:27:01    0.1    0.4
082    7/28/2023 14:28:01    0.1    0.4
083    7/28/2023 14:29:01    0.1    0.4
084    7/28/2023 14:30:01    0.1    0.4
085    7/28/2023 14:31:01    0.1    0.4
086    7/28/2023 14:32:01    0.1    0.4
087    7/28/2023 14:33:01    0.1    0.4
088    7/28/2023 14:34:01    0.1    0.4
089    7/28/2023 14:35:01    0.1    0.4
090    7/28/2023 14:36:01    0.1    0.4
091    7/28/2023 14:37:01    0.1    0.4
092    7/28/2023 14:38:01    0.1    0.4
093    7/28/2023 14:39:01    0.1    0.4
094    7/28/2023 14:40:01    0.1    0.4
095    7/28/2023 14:41:01    0.1    0.4
096    7/28/2023 14:42:01    0.1    0.4
097    7/28/2023 14:43:01    0.1    0.4
098    7/28/2023 14:44:01    0.1    0.4
099    7/28/2023 14:45:01    0.1    0.4
```

```
=========================================================
23/07/31 08:56
***********************************************************
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     Power Down
-----------------------------------------------------------
Site ID 12345678
User ID 12345678
-----------------------------------------------------------
Begin   7/31/2023 08:56:30
End     7/31/2023 12:47:31
Sample Period(s)        60
Number of Records       231
-----------------------------------------------------------
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    0.6
Min     0.1
Average 0.5

***********************************************************
Datalog
                PID(ppm)    PID(ppm)        PID(ppm)
Index   Date/Time      (Avg)  (Max)  (Real)
001     7/31/2023 08:57:30    0.1    0.1    0.1
002     7/31/2023 08:58:30    0.1    0.1    0.1
003     7/31/2023 08:59:30    0.1    0.1    0.1
004     7/31/2023 09:00:30    0.1    0.1    0.1
005     7/31/2023 09:01:30    0.1    0.1    0.1
006     7/31/2023 09:02:30    0.1    0.1    0.1
007     7/31/2023 09:03:30    0.1    0.2    0.1
008     7/31/2023 09:04:30    0.1    0.1    0.1
```

```
009    7/31/2023 09:05:30    0.1    0.1    0.1
010    7/31/2023 09:06:30    0.1    0.2    0.2
011    7/31/2023 09:07:30    0.1    0.2    0.2
012    7/31/2023 09:08:30    0.2    0.2    0.2
013    7/31/2023 09:09:30    0.2    0.2    0.2
014    7/31/2023 09:10:30    0.2    0.2    0.2
015    7/31/2023 09:11:30    0.2    0.2    0.2
016    7/31/2023 09:12:30    0.2    0.2    0.2
017    7/31/2023 09:13:30    0.2    0.2    0.2
018    7/31/2023 09:14:30    0.2    0.2    0.2
019    7/31/2023 09:15:30    0.2    0.2    0.2
020    7/31/2023 09:16:30    0.2    0.2    0.2
021    7/31/2023 09:17:30    0.2    0.2    0.2
022    7/31/2023 09:18:30    0.2    0.2    0.2
023    7/31/2023 09:19:30    0.2    0.2    0.2
024    7/31/2023 09:20:30    0.2    0.2    0.2
025    7/31/2023 09:21:30    0.2    0.2    0.2
026    7/31/2023 09:22:30    0.2    0.2    0.2
027    7/31/2023 09:23:30    0.2    0.2    0.2
028    7/31/2023 09:24:30    0.2    0.2    0.2
029    7/31/2023 09:25:30    0.2    0.2    0.2
030    7/31/2023 09:26:30    0.2    0.2    0.2
031    7/31/2023 09:27:30    0.2    0.3    0.2
032    7/31/2023 09:28:30    0.2    0.3    0.2
033    7/31/2023 09:29:30    0.3    0.3    0.3
034    7/31/2023 09:30:30    0.3    0.3    0.3
035    7/31/2023 09:31:30    0.3    0.3    0.3
036    7/31/2023 09:32:30    0.3    0.3    0.3
037    7/31/2023 09:33:30    0.3    0.3    0.3
038    7/31/2023 09:34:30    0.3    0.3    0.3
039    7/31/2023 09:35:30    0.3    0.3    0.3
040    7/31/2023 09:36:30    0.3    0.3    0.3
041    7/31/2023 09:37:30    0.3    0.3    0.3
042    7/31/2023 09:38:30    0.3    0.3    0.3
043    7/31/2023 09:39:30    0.3    0.3    0.3
044    7/31/2023 09:40:30    0.3    0.3    0.3
045    7/31/2023 09:41:30    0.3    0.3    0.3
046    7/31/2023 09:42:30    0.3    0.3    0.3
047    7/31/2023 09:43:30    0.3    0.3    0.3
048    7/31/2023 09:44:30    0.3    0.3    0.3
049    7/31/2023 09:45:30    0.3    0.3    0.3
050    7/31/2023 09:46:30    0.3    0.3    0.3
051    7/31/2023 09:47:30    0.3    0.4    0.3
052    7/31/2023 09:48:30    0.3    0.4    0.3
053    7/31/2023 09:49:30    0.3    0.4    0.4
054    7/31/2023 09:50:30    0.4    0.4    0.4
055    7/31/2023 09:51:30    0.4    0.4    0.4
056    7/31/2023 09:52:30    0.4    0.4    0.4
057    7/31/2023 09:53:30    0.4    0.4    0.4
058    7/31/2023 09:54:30    0.4    0.4    0.4
```

```
059    7/31/2023 09:55:30    0.4    0.4    0.4
060    7/31/2023 09:56:30    0.4    0.4    0.4
061    7/31/2023 09:57:30    0.4    0.4    0.4
062    7/31/2023 09:58:30    0.4    0.4    0.4
063    7/31/2023 09:59:30    0.4    0.4    0.4
064    7/31/2023 10:00:30    0.4    0.4    0.4
065    7/31/2023 10:01:30    0.4    0.4    0.4
066    7/31/2023 10:02:30    0.4    0.4    0.4
067    7/31/2023 10:03:30    0.4    0.4    0.4
068    7/31/2023 10:04:30    0.4    0.4    0.4
069    7/31/2023 10:05:30    0.4    0.4    0.4
070    7/31/2023 10:06:30    0.4    0.4    0.4
071    7/31/2023 10:07:30    0.4    0.4    0.4
072    7/31/2023 10:08:30    0.4    0.4    0.4
073    7/31/2023 10:09:30    0.4    0.4    0.4
074    7/31/2023 10:10:30    0.4    0.4    0.4
075    7/31/2023 10:11:30    0.4    0.4    0.4
076    7/31/2023 10:12:30    0.4    0.5    0.4
077    7/31/2023 10:13:30    0.4    0.5    0.4
078    7/31/2023 10:14:30    0.4    0.5    0.5
079    7/31/2023 10:15:30    0.5    0.5    0.5
080    7/31/2023 10:16:30    0.5    0.5    0.5
081    7/31/2023 10:17:30    0.5    0.5    0.5
082    7/31/2023 10:18:30    0.5    0.5    0.5
083    7/31/2023 10:19:30    0.5    0.5    0.5
084    7/31/2023 10:20:30    0.5    0.5    0.5
085    7/31/2023 10:21:30    0.5    0.5    0.5
086    7/31/2023 10:22:30    0.5    0.5    0.5
087    7/31/2023 10:23:30    0.5    0.5    0.5
088    7/31/2023 10:24:30    0.5    0.5    0.5
089    7/31/2023 10:25:30    0.5    0.5    0.5
090    7/31/2023 10:26:30    0.5    0.5    0.5
091    7/31/2023 10:27:30    0.5    0.5    0.5
092    7/31/2023 10:28:30    0.5    0.5    0.5
093    7/31/2023 10:29:30    0.5    0.5    0.5
094    7/31/2023 10:30:30    0.5    0.5    0.5
095    7/31/2023 10:31:30    0.5    0.5    0.5
096    7/31/2023 10:32:30    0.5    0.5    0.5
097    7/31/2023 10:33:30    0.5    0.5    0.5
098    7/31/2023 10:34:30    0.5    0.5    0.5
099    7/31/2023 10:35:30    0.5    0.5    0.5
100    7/31/2023 10:36:30    0.5    0.5    0.5
101    7/31/2023 10:37:30    0.5    0.5    0.5
102    7/31/2023 10:38:30    0.5    0.5    0.5
103    7/31/2023 10:39:30    0.5    0.5    0.5
104    7/31/2023 10:40:30    0.5    0.5    0.5
105    7/31/2023 10:41:30    0.5    0.5    0.5
106    7/31/2023 10:42:30    0.5    0.5    0.5
107    7/31/2023 10:43:30    0.5    0.5    0.5
108    7/31/2023 10:44:30    0.5    0.5    0.5
```

```
109    7/31/2023 10:45:30    0.5    0.5    0.5
110    7/31/2023 10:46:30    0.5    0.5    0.5
111    7/31/2023 10:47:30    0.5    0.6    0.5
112    7/31/2023 10:48:30    0.5    0.6    0.6
113    7/31/2023 10:49:30    0.5    0.6    0.6
114    7/31/2023 10:50:30    0.5    0.6    0.6
115    7/31/2023 10:51:30    0.6    0.6    0.6
116    7/31/2023 10:52:30    0.6    0.6    0.6
117    7/31/2023 10:53:30    0.6    0.6    0.6
118    7/31/2023 10:54:30    0.6    0.6    0.6
119    7/31/2023 10:55:30    0.6    0.6    0.6
120    7/31/2023 10:56:30    0.6    0.6    0.6
121    7/31/2023 10:57:30    0.6    0.6    0.6
122    7/31/2023 10:58:30    0.6    0.6    0.6
123    7/31/2023 10:59:30    0.6    0.6    0.6
124    7/31/2023 11:00:30    0.6    0.6    0.6
125    7/31/2023 11:01:30    0.6    0.6    0.6
126    7/31/2023 11:02:30    0.6    0.6    0.6
127    7/31/2023 11:03:30    0.6    0.6    0.6
128    7/31/2023 11:04:30    0.6    0.6    0.6
129    7/31/2023 11:05:30    0.6    0.6    0.6
130    7/31/2023 11:06:30    0.6    0.6    0.6
131    7/31/2023 11:07:30    0.6    0.6    0.6
132    7/31/2023 11:08:30    0.6    0.6    0.6
133    7/31/2023 11:09:30    0.6    0.6    0.6
134    7/31/2023 11:10:30    0.6    0.6    0.6
135    7/31/2023 11:11:30    0.6    0.6    0.6
136    7/31/2023 11:12:30    0.6    0.6    0.6
137    7/31/2023 11:13:30    0.6    0.6    0.6
138    7/31/2023 11:14:30    0.6    0.6    0.6
139    7/31/2023 11:15:30    0.6    0.6    0.6
140    7/31/2023 11:16:30    0.6    0.6    0.6
141    7/31/2023 11:17:30    0.6    0.6    0.6
142    7/31/2023 11:18:30    0.6    0.6    0.6
143    7/31/2023 11:19:30    0.6    0.6    0.6
144    7/31/2023 11:20:30    0.6    0.6    0.6
145    7/31/2023 11:21:30    0.6    0.6    0.6
146    7/31/2023 11:22:30    0.6    0.6    0.6
147    7/31/2023 11:23:30    0.6    0.6    0.6
148    7/31/2023 11:24:30    0.6    0.6    0.6
149    7/31/2023 11:25:30    0.6    0.6    0.6
150    7/31/2023 11:26:30    0.6    0.6    0.6
151    7/31/2023 11:27:30    0.6    0.6    0.6
152    7/31/2023 11:28:30    0.6    0.6    0.6
153    7/31/2023 11:29:30    0.6    0.6    0.6
154    7/31/2023 11:30:30    0.6    0.6    0.6
155    7/31/2023 11:31:30    0.6    0.6    0.6
156    7/31/2023 11:32:30    0.6    0.6    0.6
157    7/31/2023 11:33:30    0.6    0.6    0.6
158    7/31/2023 11:34:30    0.6    0.6    0.6
159    7/31/2023 11:35:30    0.6    0.6    0.6
160    7/31/2023 11:36:30    0.6    0.6    0.6
161    7/31/2023 11:37:30    0.6    0.6    0.6
162    7/31/2023 11:38:30    0.6    0.6    0.6
163    7/31/2023 11:39:30    0.6    0.6    0.6
164    7/31/2023 11:40:30    0.6    0.6    0.6
165    7/31/2023 11:41:30    0.6    0.6    0.6
166    7/31/2023 11:42:30    0.6    0.6    0.6
167    7/31/2023 11:43:30    0.6    0.6    0.6
168    7/31/2023 11:44:30    0.6    0.6    0.6
169    7/31/2023 11:45:30    0.6    0.6    0.6
170    7/31/2023 11:46:30    0.6    0.6    0.6
171    7/31/2023 11:47:30    0.6    0.6    0.6
172    7/31/2023 11:48:30    0.6    0.6    0.6
173    7/31/2023 11:49:30    0.6    0.6    0.6
174    7/31/2023 11:50:30    0.6    0.6    0.6
175    7/31/2023 11:51:30    0.6    0.6    0.6
176    7/31/2023 11:52:30    0.6    0.6    0.6
177    7/31/2023 11:53:30    0.6    0.6    0.6
178    7/31/2023 11:54:30    0.6    0.6    0.6
179    7/31/2023 11:55:30    0.6    0.6    0.6
180    7/31/2023 11:56:30    0.6    0.6    0.6
181    7/31/2023 11:57:30    0.6    0.6    0.6
182    7/31/2023 11:58:30    0.6    0.6    0.6
183    7/31/2023 11:59:30    0.6    0.6    0.6
184    7/31/2023 12:00:30    0.6    0.6    0.5
185    7/31/2023 12:01:30    0.6    0.6    0.6
186    7/31/2023 12:02:30    0.6    0.6    0.6
187    7/31/2023 12:03:30    0.6    0.6    0.6
188    7/31/2023 12:04:30    0.6    0.6    0.6
189    7/31/2023 12:05:30    0.6    0.6    0.6
190    7/31/2023 12:06:30    0.6    0.6    0.6
191    7/31/2023 12:07:30    0.6    0.6    0.6
192    7/31/2023 12:08:30    0.6    0.6    0.6
193    7/31/2023 12:09:30    0.5    0.6    0.5
194    7/31/2023 12:10:30    0.5    0.6    0.5
195    7/31/2023 12:11:30    0.5    0.6    0.5
196    7/31/2023 12:12:30    0.5    0.6    0.5
197    7/31/2023 12:13:30    0.5    0.5    0.5
198    7/31/2023 12:14:30    0.5    0.5    0.5
199    7/31/2023 12:15:30    0.5    0.5    0.5
200    7/31/2023 12:16:30    0.5    0.5    0.5
201    7/31/2023 12:17:30    0.5    0.6    0.5
202    7/31/2023 12:18:30    0.5    0.6    0.5
203    7/31/2023 12:19:30    0.6    0.6    0.6
204    7/31/2023 12:20:30    0.6    0.6    0.5
205    7/31/2023 12:21:30    0.6    0.6    0.6
206    7/31/2023 12:22:30    0.6    0.6    0.6
207    7/31/2023 12:23:30    0.6    0.6    0.6
208    7/31/2023 12:24:30    0.6    0.6    0.6
209    7/31/2023 12:25:30    0.6    0.6    0.6
210    7/31/2023 12:26:30    0.6    0.6    0.6
211    7/31/2023 12:27:30    0.6    0.6    0.6
212    7/31/2023 12:28:30    0.6    0.6    0.6
213    7/31/2023 12:29:30    0.6    0.6    0.6
214    7/31/2023 12:30:30    0.6    0.6    0.6
215    7/31/2023 12:31:30    0.6    0.6    0.6
216    7/31/2023 12:32:30    0.6    0.6    0.6
217    7/31/2023 12:33:30    0.6    0.6    0.6
218    7/31/2023 12:34:30    0.6    0.6    0.6
219    7/31/2023 12:35:30    0.6    0.6    0.6
220    7/31/2023 12:36:30    0.6    0.6    0.6
221    7/31/2023 12:37:30    0.6    0.6    0.6
222    7/31/2023 12:38:30    0.6    0.6    0.6
223    7/31/2023 12:39:30    0.6    0.6    0.6
224    7/31/2023 12:40:30    0.6    0.6    0.6
225    7/31/2023 12:41:30    0.6    0.6    0.6
226    7/31/2023 12:42:30    0.6    0.6    0.6
227    7/31/2023 12:43:30    0.6    0.6    0.6
228    7/31/2023 12:44:30    0.6    0.6    0.6
229    7/31/2023 12:45:30    0.6    0.6    0.6
230    7/31/2023 12:46:30    0.6    0.6    0.6
231    7/31/2023 12:47:30    0.6    0.6    0.6
Peak           0.6    0.6    0.6
Min            0.1    0.1    0.1
Average        0.5    0.5    0.5

************************************************************
TWA/STEL
                PID(ppm)    PID(ppm)
Index  Date/Time    (TWA)   (STEL)
001    7/31/2023 08:57:30    0.0    ---
002    7/31/2023 08:58:30    0.0    ---
003    7/31/2023 08:59:30    0.0    ---
004    7/31/2023 09:00:30    0.0    ---
005    7/31/2023 09:01:30    0.0    ---
006    7/31/2023 09:02:30    0.0    ---
007    7/31/2023 09:03:30    0.0    ---
008    7/31/2023 09:04:30    0.0    ---
009    7/31/2023 09:05:30    0.0    ---
010    7/31/2023 09:06:30    0.0    ---
011    7/31/2023 09:07:30    0.0    ---
012    7/31/2023 09:08:30    0.0    ---
013    7/31/2023 09:09:30    0.0    ---
014    7/31/2023 09:10:30    0.0    ---
015    7/31/2023 09:11:30    0.0    0.1
016    7/31/2023 09:12:30    0.0    0.2
017    7/31/2023 09:13:30    0.0    0.2
018    7/31/2023 09:14:30    0.0    0.2
019    7/31/2023 09:15:30    0.0    0.2
020    7/31/2023 09:16:30    0.0    0.2
021    7/31/2023 09:17:30    0.0    0.2
022    7/31/2023 09:18:30    0.0    0.2
023    7/31/2023 09:19:30    0.0    0.2
024    7/31/2023 09:20:30    0.0    0.2
025    7/31/2023 09:21:30    0.0    0.2
026    7/31/2023 09:22:30    0.0    0.2
027    7/31/2023 09:23:30    0.0    0.2
028    7/31/2023 09:24:30    0.0    0.2
029    7/31/2023 09:25:30    0.0    0.2
030    7/31/2023 09:26:30    0.0    0.2
031    7/31/2023 09:27:30    0.0    0.2
032    7/31/2023 09:28:30    0.0    0.2
033    7/31/2023 09:29:30    0.0    0.2
034    7/31/2023 09:30:30    0.0    0.2
035    7/31/2023 09:31:30    0.0    0.2
036    7/31/2023 09:32:30    0.0    0.2
037    7/31/2023 09:33:30    0.0    0.2
038    7/31/2023 09:34:30    0.0    0.3
039    7/31/2023 09:35:30    0.0    0.3
040    7/31/2023 09:36:30    0.0    0.3
041    7/31/2023 09:37:30    0.0    0.3
042    7/31/2023 09:38:30    0.0    0.3
043    7/31/2023 09:39:30    0.0    0.3
044    7/31/2023 09:40:30    0.0    0.3
045    7/31/2023 09:41:30    0.0    0.3
046    7/31/2023 09:42:30    0.0    0.3
047    7/31/2023 09:43:30    0.0    0.3
048    7/31/2023 09:44:30    0.0    0.3
049    7/31/2023 09:45:30    0.0    0.3
050    7/31/2023 09:46:30    0.0    0.3
051    7/31/2023 09:47:30    0.0    0.3
052    7/31/2023 09:48:30    0.0    0.3
053    7/31/2023 09:49:30    0.0    0.3
054    7/31/2023 09:50:30    0.0    0.3
055    7/31/2023 09:51:30    0.0    0.3
056    7/31/2023 09:52:30    0.0    0.3
057    7/31/2023 09:53:30    0.0    0.4
058    7/31/2023 09:54:30    0.0    0.4
059    7/31/2023 09:55:30    0.0    0.4
060    7/31/2023 09:56:30    0.0    0.4
061    7/31/2023 09:57:30    0.0    0.4
062    7/31/2023 09:58:30    0.0    0.4
063    7/31/2023 09:59:30    0.0    0.4
064    7/31/2023 10:00:30    0.0    0.4
065    7/31/2023 10:01:30    0.0    0.4
066    7/31/2023 10:02:30    0.0    0.4
067    7/31/2023 10:03:30    0.0    0.4
068    7/31/2023 10:04:30    0.0    0.4
069    7/31/2023 10:05:30    0.0    0.4
```

070	7/31/2023 10:06:30	0.0	0.4	
071	7/31/2023 10:07:30	0.0	0.4	
072	7/31/2023 10:08:30	0.0	0.4	
073	7/31/2023 10:09:30	0.0	0.4	
074	7/31/2023 10:10:30	0.0	0.4	
075	7/31/2023 10:11:30	0.0	0.4	
076	7/31/2023 10:12:30	0.0	0.4	
077	7/31/2023 10:13:30	0.0	0.4	
078	7/31/2023 10:14:30	0.0	0.4	
079	7/31/2023 10:15:30	0.0	0.4	
080	7/31/2023 10:16:30	0.0	0.4	
081	7/31/2023 10:17:30	0.0	0.5	
082	7/31/2023 10:18:30	0.0	0.5	
083	7/31/2023 10:19:30	0.1	0.5	
084	7/31/2023 10:20:30	0.1	0.5	
085	7/31/2023 10:21:30	0.1	0.5	
086	7/31/2023 10:22:30	0.1	0.5	
087	7/31/2023 10:23:30	0.1	0.5	
088	7/31/2023 10:24:30	0.1	0.5	
089	7/31/2023 10:25:30	0.1	0.5	
090	7/31/2023 10:26:30	0.1	0.5	
091	7/31/2023 10:27:30	0.1	0.5	
092	7/31/2023 10:28:30	0.1	0.5	
093	7/31/2023 10:29:30	0.1	0.5	
094	7/31/2023 10:30:30	0.1	0.5	
095	7/31/2023 10:31:30	0.1	0.5	
096	7/31/2023 10:32:30	0.1	0.5	
097	7/31/2023 10:33:30	0.1	0.5	
098	7/31/2023 10:34:30	0.1	0.5	
099	7/31/2023 10:35:30	0.1	0.5	
100	7/31/2023 10:36:30	0.1	0.5	
101	7/31/2023 10:37:30	0.1	0.5	
102	7/31/2023 10:38:30	0.1	0.5	
103	7/31/2023 10:39:30	0.1	0.5	
104	7/31/2023 10:40:30	0.1	0.5	
105	7/31/2023 10:41:30	0.1	0.5	
106	7/31/2023 10:42:30	0.1	0.5	
107	7/31/2023 10:43:30	0.1	0.5	
108	7/31/2023 10:44:30	0.1	0.5	
109	7/31/2023 10:45:30	0.1	0.5	
110	7/31/2023 10:46:30	0.1	0.5	
111	7/31/2023 10:47:30	0.1	0.5	
112	7/31/2023 10:48:30	0.1	0.5	
113	7/31/2023 10:49:30	0.1	0.5	
114	7/31/2023 10:50:30	0.1	0.6	
115	7/31/2023 10:51:30	0.1	0.6	
116	7/31/2023 10:52:30	0.1	0.6	
117	7/31/2023 10:53:30	0.1	0.6	
118	7/31/2023 10:54:30	0.1	0.6	
119	7/31/2023 10:55:30	0.1	0.6	
120	7/31/2023 10:56:30	0.1	0.6	
121	7/31/2023 10:57:30	0.1	0.6	
122	7/31/2023 10:58:30	0.1	0.6	
123	7/31/2023 10:59:30	0.1	0.6	
124	7/31/2023 11:00:30	0.1	0.6	
125	7/31/2023 11:01:30	0.1	0.6	
126	7/31/2023 11:02:30	0.1	0.6	
127	7/31/2023 11:03:30	0.1	0.6	
128	7/31/2023 11:04:30	0.1	0.6	
129	7/31/2023 11:05:30	0.1	0.6	
130	7/31/2023 11:06:30	0.1	0.6	
131	7/31/2023 11:07:30	0.1	0.6	
132	7/31/2023 11:08:30	0.1	0.6	
133	7/31/2023 11:09:30	0.1	0.6	
134	7/31/2023 11:10:30	0.1	0.6	
135	7/31/2023 11:11:30	0.1	0.6	
136	7/31/2023 11:12:30	0.1	0.6	
137	7/31/2023 11:13:30	0.1	0.6	
138	7/31/2023 11:14:30	0.1	0.6	
139	7/31/2023 11:15:30	0.1	0.6	
140	7/31/2023 11:16:30	0.1	0.6	
141	7/31/2023 11:17:30	0.1	0.6	
142	7/31/2023 11:18:30	0.1	0.6	
143	7/31/2023 11:19:30	0.1	0.6	
144	7/31/2023 11:20:30	0.1	0.6	
145	7/31/2023 11:21:30	0.1	0.6	
146	7/31/2023 11:22:30	0.1	0.6	
147	7/31/2023 11:23:30	0.1	0.6	
148	7/31/2023 11:24:30	0.1	0.6	
149	7/31/2023 11:25:30	0.1	0.6	
150	7/31/2023 11:26:30	0.1	0.6	
151	7/31/2023 11:27:30	0.1	0.6	
152	7/31/2023 11:28:30	0.1	0.6	
153	7/31/2023 11:29:30	0.1	0.6	
154	7/31/2023 11:30:30	0.1	0.6	
155	7/31/2023 11:31:30	0.1	0.6	
156	7/31/2023 11:32:30	0.1	0.6	
157	7/31/2023 11:33:30	0.1	0.6	
158	7/31/2023 11:34:30	0.1	0.6	
159	7/31/2023 11:35:30	0.1	0.6	
160	7/31/2023 11:36:30	0.1	0.6	
161	7/31/2023 11:37:30	0.1	0.6	
162	7/31/2023 11:38:30	0.1	0.6	
163	7/31/2023 11:39:30	0.1	0.6	
164	7/31/2023 11:40:30	0.1	0.6	
165	7/31/2023 11:41:30	0.1	0.6	
166	7/31/2023 11:42:30	0.1	0.6	
167	7/31/2023 11:43:30	0.2	0.6	
168	7/31/2023 11:44:30	0.2	0.6	
169	7/31/2023 11:45:30	0.2	0.6	
170	7/31/2023 11:46:30	0.2	0.6	
171	7/31/2023 11:47:30	0.2	0.6	
172	7/31/2023 11:48:30	0.2	0.6	
173	7/31/2023 11:49:30	0.2	0.6	
174	7/31/2023 11:50:30	0.2	0.6	
175	7/31/2023 11:51:30	0.2	0.6	
176	7/31/2023 11:52:30	0.2	0.6	
177	7/31/2023 11:53:30	0.2	0.6	
178	7/31/2023 11:54:30	0.2	0.6	
179	7/31/2023 11:55:30	0.2	0.6	
180	7/31/2023 11:56:30	0.2	0.6	
181	7/31/2023 11:57:30	0.2	0.6	
182	7/31/2023 11:58:30	0.2	0.6	
183	7/31/2023 11:59:30	0.2	0.6	
184	7/31/2023 12:00:30	0.2	0.6	
185	7/31/2023 12:01:30	0.2	0.6	
186	7/31/2023 12:02:30	0.2	0.6	
187	7/31/2023 12:03:30	0.2	0.6	
188	7/31/2023 12:04:30	0.2	0.6	
189	7/31/2023 12:05:30	0.2	0.6	
190	7/31/2023 12:06:30	0.2	0.6	
191	7/31/2023 12:07:30	0.2	0.6	
192	7/31/2023 12:08:30	0.2	0.6	
193	7/31/2023 12:09:30	0.2	0.6	
194	7/31/2023 12:10:30	0.2	0.6	
195	7/31/2023 12:11:30	0.2	0.6	
196	7/31/2023 12:12:30	0.2	0.6	
197	7/31/2023 12:13:30	0.2	0.6	
198	7/31/2023 12:14:30	0.2	0.6	
199	7/31/2023 12:15:30	0.2	0.6	
200	7/31/2023 12:16:30	0.2	0.6	
201	7/31/2023 12:17:30	0.2	0.6	
202	7/31/2023 12:18:30	0.2	0.6	
203	7/31/2023 12:19:30	0.2	0.6	
204	7/31/2023 12:20:30	0.2	0.6	
205	7/31/2023 12:21:30	0.2	0.6	
206	7/31/2023 12:22:30	0.2	0.6	
207	7/31/2023 12:23:30	0.2	0.6	
208	7/31/2023 12:24:30	0.2	0.6	
209	7/31/2023 12:25:30	0.2	0.6	
210	7/31/2023 12:26:30	0.2	0.6	
211	7/31/2023 12:27:30	0.2	0.6	
212	7/31/2023 12:28:30	0.2	0.6	
213	7/31/2023 12:29:30	0.2	0.6	
214	7/31/2023 12:30:30	0.2	0.6	
215	7/31/2023 12:31:30	0.2	0.6	
216	7/31/2023 12:32:30	0.2	0.6	
217	7/31/2023 12:33:30	0.2	0.6	
218	7/31/2023 12:34:30	0.2	0.6	
219	7/31/2023 12:35:30	0.2	0.6	
220	7/31/2023 12:36:30	0.2	0.6	
221	7/31/2023 12:37:30	0.2	0.6	
222	7/31/2023 12:38:30	0.2	0.6	
223	7/31/2023 12:39:30	0.2	0.6	
224	7/31/2023 12:40:30	0.2	0.6	
225	7/31/2023 12:41:30	0.2	0.6	
226	7/31/2023 12:42:30	0.2	0.6	
227	7/31/2023 12:43:30	0.2	0.6	
228	7/31/2023 12:44:30	0.2	0.6	
229	7/31/2023 12:45:30	0.2	0.6	
230	7/31/2023 12:46:30	0.2	0.6	
231	7/31/2023 12:47:30	0.2	0.6	

```
***********************************************************
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   7/28/2023 07:41:20
End     7/28/2023 07:43:43
Sample Period(s)       60
Number of Records       2
-----------------------------------------------------------
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    0.0
Min     0.0
Average 0.0

***********************************************************
Datalog
                PID(ppm)    PID(ppm)    PID(ppm)
Index  Date/Time       (Avg)   (Max)   (Real)
001    7/28/2023 07:42:20     0.0     0.0     0.0
002    7/28/2023 07:43:20     0.0     0.0     0.0
Peak           0.0     0.0     0.0
Min            0.0     0.0     0.0
Average        0.0     0.0     0.0

***********************************************************
TWA/STEL
```

```
                PID(ppm)    PID(ppm)
Index  Date/Time       (TWA)   (STEL)
001    7/28/2023 07:42:20     0.0     ---
002    7/28/2023 07:43:20     0.0     ---
```
```
***********************************************************
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   7/28/2023 08:51:15
End     7/28/2023 09:54:27
Sample Period(s)       60
Number of Records       63
-----------------------------------------------------------
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    0.1
Min     0.0
Average 0.0

***********************************************************
Datalog
                PID(ppm)    PID(ppm)    PID(ppm)
Index  Date/Time       (Avg)   (Max)   (Real)
001    7/28/2023 08:52:15     0.0     0.0     0.0
002    7/28/2023 08:53:15     0.0     0.0     0.0
003    7/28/2023 08:54:15     0.0     0.0     0.0
004    7/28/2023 08:55:15     0.0     0.0     0.0
```

```
005    7/28/2023 08:56:15     0.0     0.0     0.0
006    7/28/2023 08:57:15     0.0     0.0     0.0
007    7/28/2023 08:58:15     0.0     0.0     0.0
008    7/28/2023 08:59:15     0.0     0.0     0.0
009    7/28/2023 09:00:15     0.0     0.0     0.0
010    7/28/2023 09:01:15     0.0     0.0     0.0
011    7/28/2023 09:02:15     0.0     0.0     0.0
012    7/28/2023 09:03:15     0.0     0.0     0.0
013    7/28/2023 09:04:15     0.0     0.0     0.0
014    7/28/2023 09:05:15     0.0     0.0     0.0
015    7/28/2023 09:06:15     0.0     0.0     0.0
016    7/28/2023 09:07:15     0.0     0.0     0.0
017    7/28/2023 09:08:15     0.0     0.0     0.0
018    7/28/2023 09:09:15     0.0     0.0     0.0
019    7/28/2023 09:10:15     0.0     0.0     0.0
020    7/28/2023 09:11:15     0.0     0.0     0.0
021    7/28/2023 09:12:15     0.0     0.0     0.0
022    7/28/2023 09:13:15     0.0     0.0     0.0
023    7/28/2023 09:14:15     0.0     0.0     0.0
024    7/28/2023 09:15:15     0.0     0.0     0.0
025    7/28/2023 09:16:15     0.0     0.0     0.0
026    7/28/2023 09:17:15     0.0     0.0     0.0
027    7/28/2023 09:18:15     0.0     0.0     0.0
028    7/28/2023 09:19:15     0.0     0.0     0.0
029    7/28/2023 09:20:15     0.0     0.0     0.0
030    7/28/2023 09:21:15     0.0     0.0     0.0
031    7/28/2023 09:22:15     0.0     0.0     0.0
032    7/28/2023 09:23:15     0.0     0.0     0.0
033    7/28/2023 09:24:15     0.0     0.0     0.0
034    7/28/2023 09:25:15     0.0     0.0     0.0
035    7/28/2023 09:26:15     0.0     0.0     0.0
036    7/28/2023 09:27:15     0.0     0.0     0.0
037    7/28/2023 09:28:15     0.0     0.0     0.0
038    7/28/2023 09:29:15     0.0     0.0     0.0
039    7/28/2023 09:30:15     0.0     0.0     0.0
040    7/28/2023 09:31:15     0.0     0.0     0.0
041    7/28/2023 09:32:15     0.0     0.0     0.0
042    7/28/2023 09:33:15     0.0     0.0     0.0
043    7/28/2023 09:34:15     0.0     0.0     0.0
044    7/28/2023 09:35:15     0.0     0.0     0.0
045    7/28/2023 09:36:15     0.0     0.0     0.0
046    7/28/2023 09:37:15     0.0     0.0     0.0
047    7/28/2023 09:38:15     0.0     0.0     0.0
048    7/28/2023 09:39:15     0.0     0.0     0.0
049    7/28/2023 09:40:15     0.0     0.0     0.0
050    7/28/2023 09:41:15     0.0     0.0     0.0
051    7/28/2023 09:42:15     0.0     0.0     0.0
052    7/28/2023 09:43:15     0.0     0.0     0.0
053    7/28/2023 09:44:15     0.0     0.0     0.0
054    7/28/2023 09:45:15     0.0     0.0     0.0
055    7/28/2023 09:46:15     0.0     0.0     0.0
056    7/28/2023 09:47:15     0.0     0.0     0.0
057    7/28/2023 09:48:15     0.0     0.0     0.0
058    7/28/2023 09:49:15     0.0     0.0     0.0
059    7/28/2023 09:50:15     0.0     0.0     0.0
060    7/28/2023 09:51:15     0.0     0.1     0.0
061    7/28/2023 09:52:15     0.0     0.1     0.0
062    7/28/2023 09:53:15     0.1     0.1     0.1
063    7/28/2023 09:54:15     0.1     0.1     0.1
Peak           0.1     0.1     0.1
Min            0.0     0.0     0.0
Average        0.0     0.0     0.0

***********************************************************
TWA/STEL
                PID(ppm)    PID(ppm)
Index  Date/Time       (TWA)   (STEL)
001    7/28/2023 08:52:15     0.0     ---
002    7/28/2023 08:53:15     0.0     ---
003    7/28/2023 08:54:15     0.0     ---
004    7/28/2023 08:55:15     0.0     ---
005    7/28/2023 08:56:15     0.0     ---
006    7/28/2023 08:57:15     0.0     ---
007    7/28/2023 08:58:15     0.0     ---
008    7/28/2023 08:59:15     0.0     ---
009    7/28/2023 09:00:15     0.0     ---
010    7/28/2023 09:01:15     0.0     ---
011    7/28/2023 09:02:15     0.0     ---
012    7/28/2023 09:03:15     0.0     ---
013    7/28/2023 09:04:15     0.0     ---
014    7/28/2023 09:05:15     0.0     ---
015    7/28/2023 09:06:15     0.0     0.0
016    7/28/2023 09:07:15     0.0     0.0
017    7/28/2023 09:08:15     0.0     0.0
018    7/28/2023 09:09:15     0.0     0.0
019    7/28/2023 09:10:15     0.0     0.0
020    7/28/2023 09:11:15     0.0     0.0
021    7/28/2023 09:12:15     0.0     0.0
022    7/28/2023 09:13:15     0.0     0.0
023    7/28/2023 09:14:15     0.0     0.0
024    7/28/2023 09:15:15     0.0     0.0
025    7/28/2023 09:16:15     0.0     0.0
026    7/28/2023 09:17:15     0.0     0.0
027    7/28/2023 09:18:15     0.0     0.0
028    7/28/2023 09:19:15     0.0     0.0
029    7/28/2023 09:20:15     0.0     0.0
030    7/28/2023 09:21:15     0.0     0.0
031    7/28/2023 09:22:15     0.0     0.0
032    7/28/2023 09:23:15     0.0     0.0
033    7/28/2023 09:24:15     0.0     0.0
```

Index	Date/Time		
034	7/28/2023 09:25:15	0.0	0.0
035	7/28/2023 09:26:15	0.0	0.0
036	7/28/2023 09:27:15	0.0	0.0
037	7/28/2023 09:28:15	0.0	0.0
038	7/28/2023 09:29:15	0.0	0.0
039	7/28/2023 09:30:15	0.0	0.0
040	7/28/2023 09:31:15	0.0	0.0
041	7/28/2023 09:32:15	0.0	0.0
042	7/28/2023 09:33:15	0.0	0.0
043	7/28/2023 09:34:15	0.0	0.0
044	7/28/2023 09:35:15	0.0	0.0
045	7/28/2023 09:36:15	0.0	0.0
046	7/28/2023 09:37:15	0.0	0.0
047	7/28/2023 09:38:15	0.0	0.0
048	7/28/2023 09:39:15	0.0	0.0
049	7/28/2023 09:40:15	0.0	0.0
050	7/28/2023 09:41:15	0.0	0.0
051	7/28/2023 09:42:15	0.0	0.0
052	7/28/2023 09:43:15	0.0	0.0
053	7/28/2023 09:44:15	0.0	0.0
054	7/28/2023 09:45:15	0.0	0.0
055	7/28/2023 09:46:15	0.0	0.0
056	7/28/2023 09:47:15	0.0	0.0
057	7/28/2023 09:48:15	0.0	0.0
058	7/28/2023 09:49:15	0.0	0.0
059	7/28/2023 09:50:15	0.0	0.0
060	7/28/2023 09:51:15	0.0	0.0
061	7/28/2023 09:52:15	0.0	0.0
062	7/28/2023 09:53:15	0.0	0.0
063	7/28/2023 09:54:15	0.0	0.0

```
=========================================================
23/07/28 10:59
*********************************************************
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  7/28/2023 10:59:57
End    7/28/2023 11:52:12
Sample Period(s)      60
```

```
Number of Records       52
---------------------------------------------------------
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    0.1
Min     0.0
Average 0.0

*********************************************************
Datalog
```

Index	Date/Time	PID(ppm) (Avg)	PID(ppm) (Max)	PID(ppm) (Real)
001	7/28/2023 11:00:57	0.0	0.0	0.0
002	7/28/2023 11:01:57	0.0	0.0	0.0
003	7/28/2023 11:02:57	0.0	0.0	0.0
004	7/28/2023 11:03:57	0.0	0.0	0.0
005	7/28/2023 11:04:57	0.0	0.0	0.0
006	7/28/2023 11:05:57	0.0	0.0	0.0
007	7/28/2023 11:06:57	0.0	0.0	0.0
008	7/28/2023 11:07:57	0.0	0.0	0.0
009	7/28/2023 11:08:57	0.0	0.0	0.0
010	7/28/2023 11:09:57	0.0	0.0	0.0
011	7/28/2023 11:10:57	0.0	0.0	0.0
012	7/28/2023 11:11:57	0.0	0.0	0.0
013	7/28/2023 11:12:57	0.0	0.0	0.0
014	7/28/2023 11:13:57	0.0	0.0	0.0
015	7/28/2023 11:14:57	0.0	0.0	0.0
016	7/28/2023 11:15:57	0.0	0.0	0.0
017	7/28/2023 11:16:57	0.0	0.0	0.0
018	7/28/2023 11:17:57	0.0	0.0	0.0
019	7/28/2023 11:18:57	0.0	0.0	0.0
020	7/28/2023 11:19:57	0.0	0.0	0.0
021	7/28/2023 11:20:57	0.0	0.0	0.0
022	7/28/2023 11:21:57	0.0	0.0	0.0
023	7/28/2023 11:22:57	0.0	0.0	0.0
024	7/28/2023 11:23:57	0.0	0.0	0.0
025	7/28/2023 11:24:57	0.0	0.0	0.0
026	7/28/2023 11:25:57	0.0	0.1	0.0
027	7/28/2023 11:26:57	0.0	0.1	0.0
028	7/28/2023 11:27:57	0.0	0.0	0.0
029	7/28/2023 11:28:57	0.0	0.0	0.0
030	7/28/2023 11:29:57	0.0	0.0	0.0
031	7/28/2023 11:30:57	0.0	0.0	0.0
032	7/28/2023 11:31:57	0.0	0.0	0.0
033	7/28/2023 11:32:57	0.0	0.0	0.0
034	7/28/2023 11:33:57	0.0	0.1	0.0
035	7/28/2023 11:34:57	0.0	0.0	0.0
036	7/28/2023 11:35:57	0.0	0.1	0.0
037	7/28/2023 11:36:57	0.0	0.1	0.1
038	7/28/2023 11:37:57	0.1	0.1	0.1
039	7/28/2023 11:38:57	0.0	0.1	0.1
040	7/28/2023 11:39:57	0.0	0.1	0.0
041	7/28/2023 11:40:57	0.1	0.1	0.1
042	7/28/2023 11:41:57	0.1	0.1	0.0
043	7/28/2023 11:42:57	0.0	0.1	0.1
044	7/28/2023 11:43:57	0.1	0.1	0.1
045	7/28/2023 11:44:57	0.1	0.1	0.1
046	7/28/2023 11:45:57	0.1	0.1	0.0
047	7/28/2023 11:46:57	0.0	0.1	0.0
048	7/28/2023 11:47:57	0.0	0.1	0.0
049	7/28/2023 11:48:57	0.1	0.1	0.1
050	7/28/2023 11:49:57	0.1	0.1	0.1
051	7/28/2023 11:50:57	0.1	0.1	0.1
052	7/28/2023 11:51:57	0.1	0.1	0.1
Peak		0.1	0.1	0.1
Min		0.0	0.0	0.0
Average		0.0	0.0	0.0

```
*********************************************************
TWA/STEL
```

Index	Date/Time	PID(ppm) (TWA)	PID(ppm) (STEL)
001	7/28/2023 11:00:57	0.0	---
002	7/28/2023 11:01:57	0.0	---
003	7/28/2023 11:02:57	0.0	---
004	7/28/2023 11:03:57	0.0	---
005	7/28/2023 11:04:57	0.0	---
006	7/28/2023 11:05:57	0.0	---
007	7/28/2023 11:06:57	0.0	---
008	7/28/2023 11:07:57	0.0	---
009	7/28/2023 11:08:57	0.0	---
010	7/28/2023 11:09:57	0.0	---
011	7/28/2023 11:10:57	0.0	---
012	7/28/2023 11:11:57	0.0	---
013	7/28/2023 11:12:57	0.0	---
014	7/28/2023 11:13:57	0.0	---
015	7/28/2023 11:14:57	0.0	0.0
016	7/28/2023 11:15:57	0.0	0.0
017	7/28/2023 11:16:57	0.0	0.0
018	7/28/2023 11:17:57	0.0	0.0
019	7/28/2023 11:18:57	0.0	0.0
020	7/28/2023 11:19:57	0.0	0.0
021	7/28/2023 11:20:57	0.0	0.0
022	7/28/2023 11:21:57	0.0	0.0
023	7/28/2023 11:22:57	0.0	0.0
024	7/28/2023 11:23:57	0.0	0.0
025	7/28/2023 11:24:57	0.0	0.0
026	7/28/2023 11:25:57	0.0	0.0
027	7/28/2023 11:26:57	0.0	0.0
028	7/28/2023 11:27:57	0.0	0.0
029	7/28/2023 11:28:57	0.0	0.0
030	7/28/2023 11:29:57	0.0	0.0
031	7/28/2023 11:30:57	0.0	0.0
032	7/28/2023 11:31:57	0.0	0.0
033	7/28/2023 11:32:57	0.0	0.0
034	7/28/2023 11:33:57	0.0	0.0
035	7/28/2023 11:34:57	0.0	0.0
036	7/28/2023 11:35:57	0.0	0.0
037	7/28/2023 11:36:57	0.0	0.0
038	7/28/2023 11:37:57	0.0	0.0
039	7/28/2023 11:38:57	0.0	0.0
040	7/28/2023 11:39:57	0.0	0.0
041	7/28/2023 11:40:57	0.0	0.0
042	7/28/2023 11:41:57	0.0	0.0
043	7/28/2023 11:42:57	0.0	0.0
044	7/28/2023 11:43:57	0.0	0.0
045	7/28/2023 11:44:57	0.0	0.0
046	7/28/2023 11:45:57	0.0	0.0
047	7/28/2023 11:46:57	0.0	0.0
048	7/28/2023 11:47:57	0.0	0.0
049	7/28/2023 11:48:57	0.0	0.1
050	7/28/2023 11:49:57	0.0	0.1
051	7/28/2023 11:50:57	0.0	0.1
052	7/28/2023 11:51:57	0.0	0.1

```
=========================================================
23/07/28 12:30
*********************************************************
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   7/28/2023 12:30:17
End     7/28/2023 13:51:43
Sample Period(s)      60
Number of Records     81
----------------------------------------------------------------
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     7/28/2023 12:31:17   0.0   0.0   0.0
002     7/28/2023 12:32:17   0.0   0.0   0.0
003     7/28/2023 12:33:17   0.0   0.0   0.0
004     7/28/2023 12:34:17   0.0   0.0   0.0
005     7/28/2023 12:35:17   0.0   0.0   0.0
006     7/28/2023 12:36:17   0.0   0.0   0.0
007     7/28/2023 12:37:17   0.0   0.1   0.1
008     7/28/2023 12:38:17   0.1   0.1   0.1
009     7/28/2023 12:39:17   0.1   0.1   0.0
010     7/28/2023 12:40:17   0.1   0.1   0.1
011     7/28/2023 12:41:17   0.1   0.1   0.1
012     7/28/2023 12:42:17   0.1   0.1   0.1
013     7/28/2023 12:43:17   0.1   0.1   0.1
014     7/28/2023 12:44:17   0.1   0.1   0.1
015     7/28/2023 12:45:17   0.1   0.1   0.1
016     7/28/2023 12:46:17   0.1   0.1   0.1
017     7/28/2023 12:47:17   0.1   0.1   0.1
018     7/28/2023 12:48:17   0.1   0.1   0.1
019     7/28/2023 12:49:17   0.1   0.1   0.1
020     7/28/2023 12:50:17   0.1   0.1   0.1
021     7/28/2023 12:51:17   0.1   0.1   0.1
022     7/28/2023 12:52:17   0.1   0.1   0.1
023     7/28/2023 12:53:17   0.1   0.1   0.1
024     7/28/2023 12:54:17   0.1   0.1   0.1
025     7/28/2023 12:55:17   0.1   0.1   0.1
026     7/28/2023 12:56:17   0.1   0.1   0.1
027     7/28/2023 12:57:17   0.1   0.1   0.1
028     7/28/2023 12:58:17   0.1   0.1   0.1
029     7/28/2023 12:59:17   0.1   0.1   0.1
030     7/28/2023 13:00:17   0.1   0.1   0.1
031     7/28/2023 13:01:17   0.1   0.2   0.2
032     7/28/2023 13:02:17   0.1   0.2   0.1
033     7/28/2023 13:03:17   0.1   0.1   0.1
034     7/28/2023 13:04:17   0.1   0.1   0.1
035     7/28/2023 13:05:17   0.1   0.2   0.1
036     7/28/2023 13:06:17   0.1   0.1   0.1
037     7/28/2023 13:07:17   0.1   0.1   0.1
038     7/28/2023 13:08:17   0.1   0.2   0.1
039     7/28/2023 13:09:17   0.1   0.1   0.1
040     7/28/2023 13:10:17   0.1   0.1   0.1
041     7/28/2023 13:11:17   0.1   0.2   0.2
042     7/28/2023 13:12:17   0.2   0.2   0.1
043     7/28/2023 13:13:17   0.2   0.2   0.2
044     7/28/2023 13:14:17   0.2   0.2   0.2
045     7/28/2023 13:15:17   0.2   0.2   0.2
046     7/28/2023 13:16:17   0.2   0.2   0.2
047     7/28/2023 13:17:17   0.1   0.2   0.1
048     7/28/2023 13:18:17   0.1   0.2   0.1
049     7/28/2023 13:19:17   0.1   0.2   0.2
050     7/28/2023 13:20:17   0.2   0.2   0.2
051     7/28/2023 13:21:17   0.2   0.2   0.2
052     7/28/2023 13:22:17   0.2   0.2   0.2
053     7/28/2023 13:23:17   0.2   0.2   0.2
054     7/28/2023 13:24:17   0.2   0.2   0.2
055     7/28/2023 13:25:17   0.2   0.2   0.2
056     7/28/2023 13:26:17   0.2   0.2   0.2
057     7/28/2023 13:27:17   0.2   0.2   0.2
058     7/28/2023 13:28:17   0.2   0.2   0.2
059     7/28/2023 13:29:17   0.2   0.2   0.2
060     7/28/2023 13:30:17   0.2   0.2   0.2
061     7/28/2023 13:31:17   0.2   0.2   0.2
062     7/28/2023 13:32:17   0.2   0.2   0.2
063     7/28/2023 13:33:17   0.2   0.2   0.2
064     7/28/2023 13:34:17   0.2   0.2   0.2
065     7/28/2023 13:35:17   0.2   0.2   0.2
066     7/28/2023 13:36:17   0.2   0.2   0.2
067     7/28/2023 13:37:17   0.2   0.2   0.2
068     7/28/2023 13:38:17   0.2   0.2   0.2
069     7/28/2023 13:39:17   0.2   0.2   0.2
070     7/28/2023 13:40:17   0.2   0.2   0.2
071     7/28/2023 13:41:17   0.2   0.2   0.2
072     7/28/2023 13:42:17   0.2   0.2   0.2
073     7/28/2023 13:43:17   0.2   0.2   0.2
074     7/28/2023 13:44:17   0.2   0.2   0.2
075     7/28/2023 13:45:17   0.2   0.2   0.2
076     7/28/2023 13:46:17   0.2   0.2   0.2
077     7/28/2023 13:47:17   0.2   0.2   0.2
078     7/28/2023 13:48:17   0.2   0.2   0.2
079     7/28/2023 13:49:17   0.2   0.2   0.2
080     7/28/2023 13:50:17   0.2   0.2   0.2
081     7/28/2023 13:51:17   0.2   0.2   0.2
Peak         0.2    0.2    0.2
Min          0.0    0.0    0.0
Average      0.1    0.1    0.1

*************************************************************
TWA/STEL
                PID(ppm)   PID(ppm)
Index   Date/Time      (TWA)  (STEL)
001     7/28/2023 12:31:17   0.0   ---
002     7/28/2023 12:32:17   0.0   ---
003     7/28/2023 12:33:17   0.0   ---
004     7/28/2023 12:34:17   0.0   ---
005     7/28/2023 12:35:17   0.0   ---
006     7/28/2023 12:36:17   0.0   ---
007     7/28/2023 12:37:17   0.0   ---
008     7/28/2023 12:38:17   0.0   ---
009     7/28/2023 12:39:17   0.0   ---
010     7/28/2023 12:40:17   0.0   ---
011     7/28/2023 12:41:17   0.0   ---
012     7/28/2023 12:42:17   0.0   ---
013     7/28/2023 12:43:17   0.0   ---
014     7/28/2023 12:44:17   0.0   ---
015     7/28/2023 12:45:17   0.0   0.1
016     7/28/2023 12:46:17   0.0   0.1
017     7/28/2023 12:47:17   0.0   0.1
018     7/28/2023 12:48:17   0.0   0.1
019     7/28/2023 12:49:17   0.0   0.1
020     7/28/2023 12:50:17   0.0   0.1
021     7/28/2023 12:51:17   0.0   0.1
022     7/28/2023 12:52:17   0.0   0.1
023     7/28/2023 12:53:17   0.0   0.1
024     7/28/2023 12:54:17   0.0   0.1
025     7/28/2023 12:55:17   0.0   0.1
026     7/28/2023 12:56:17   0.0   0.1
027     7/28/2023 12:57:17   0.0   0.1
028     7/28/2023 12:58:17   0.0   0.1
029     7/28/2023 12:59:17   0.0   0.1
030     7/28/2023 13:00:17   0.0   0.1
031     7/28/2023 13:01:17   0.0   0.1
032     7/28/2023 13:02:17   0.0   0.1
033     7/28/2023 13:03:17   0.0   0.1
034     7/28/2023 13:04:17   0.0   0.1
035     7/28/2023 13:05:17   0.0   0.1
036     7/28/2023 13:06:17   0.0   0.1
037     7/28/2023 13:07:17   0.0   0.1
038     7/28/2023 13:08:17   0.0   0.1
039     7/28/2023 13:09:17   0.0   0.1
040     7/28/2023 13:10:17   0.0   0.1
041     7/28/2023 13:11:17   0.0   0.1
042     7/28/2023 13:12:17   0.0   0.1
043     7/28/2023 13:13:17   0.0   0.1
044     7/28/2023 13:14:17   0.0   0.1
045     7/28/2023 13:15:17   0.0   0.1
046     7/28/2023 13:16:17   0.0   0.1
047     7/28/2023 13:17:17   0.0   0.1
048     7/28/2023 13:18:17   0.0   0.1
049     7/28/2023 13:19:17   0.0   0.1
050     7/28/2023 13:20:17   0.0   0.2
051     7/28/2023 13:21:17   0.0   0.2
052     7/28/2023 13:22:17   0.0   0.2
053     7/28/2023 13:23:17   0.0   0.2
054     7/28/2023 13:24:17   0.0   0.2
055     7/28/2023 13:25:17   0.0   0.2
056     7/28/2023 13:26:17   0.0   0.2
057     7/28/2023 13:27:17   0.0   0.2
058     7/28/2023 13:28:17   0.0   0.2
059     7/28/2023 13:29:17   0.0   0.2
060     7/28/2023 13:30:17   0.0   0.2
061     7/28/2023 13:31:17   0.0   0.2
062     7/28/2023 13:32:17   0.0   0.2
063     7/28/2023 13:33:17   0.0   0.2
064     7/28/2023 13:34:17   0.0   0.2
065     7/28/2023 13:35:17   0.0   0.2
066     7/28/2023 13:36:17   0.0   0.2
067     7/28/2023 13:37:17   0.0   0.2
068     7/28/2023 13:38:17   0.0   0.2
069     7/28/2023 13:39:17   0.0   0.2
070     7/28/2023 13:40:17   0.0   0.2
071     7/28/2023 13:41:17   0.0   0.2
072     7/28/2023 13:42:17   0.0   0.2
073     7/28/2023 13:43:17   0.0   0.2
074     7/28/2023 13:44:17   0.0   0.2
075     7/28/2023 13:45:17   0.0   0.2
076     7/28/2023 13:46:17   0.0   0.2
077     7/28/2023 13:47:17   0.0   0.2
078     7/28/2023 13:48:17   0.0   0.2
079     7/28/2023 13:49:17   0.0   0.2
080     7/28/2023 13:50:17   0.0   0.2
081     7/28/2023 13:51:17   0.0   0.2
```

```
============================================================
23/07/31 07:57
************************************************************
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   7/31/2023 07:57:39
End     7/31/2023 12:08:40
Sample Period(s)       60
Number of Records      251
------------------------------------------------------------
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    0.3
Min     0.0
Average 0.2

************************************************************
Datalog
                PID(ppm)    PID(ppm)    PID(ppm)
Index   Date/Time      (Avg)  (Max)  (Real)
001     7/31/2023 07:58:39     0.0    0.0    0.0
002     7/31/2023 07:59:39     0.0    0.0    0.0
003     7/31/2023 08:00:39     0.0    0.0    0.0
004     7/31/2023 08:01:39     0.0    0.0    0.0
005     7/31/2023 08:02:39     0.0    0.0    0.0
006     7/31/2023 08:03:39     0.0    0.0    0.0
007     7/31/2023 08:04:39     0.0    0.0    0.0
008     7/31/2023 08:05:39     0.0    0.0    0.0
009     7/31/2023 08:06:39     0.0    0.0    0.0
010     7/31/2023 08:07:39     0.0    0.0    0.0
011     7/31/2023 08:08:39     0.0    0.0    0.0
012     7/31/2023 08:09:39     0.0    0.0    0.0
013     7/31/2023 08:10:39     0.0    0.0    0.0
014     7/31/2023 08:11:39     0.0    0.0    0.0
015     7/31/2023 08:12:39     0.0    0.0    0.0
016     7/31/2023 08:13:39     0.0    0.0    0.0
017     7/31/2023 08:14:39     0.0    0.0    0.0
018     7/31/2023 08:15:39     0.0    0.0    0.0
019     7/31/2023 08:16:39     0.0    0.0    0.0
020     7/31/2023 08:17:39     0.0    0.0    0.0
021     7/31/2023 08:18:39     0.0    0.0    0.0
022     7/31/2023 08:19:39     0.0    0.0    0.0
023     7/31/2023 08:20:39     0.0    0.0    0.0
024     7/31/2023 08:21:39     0.0    0.0    0.0
025     7/31/2023 08:22:39     0.0    0.0    0.0
026     7/31/2023 08:23:39     0.0    0.0    0.0
027     7/31/2023 08:24:39     0.0    0.0    0.0
028     7/31/2023 08:25:39     0.0    0.0    0.0
029     7/31/2023 08:26:39     0.0    0.0    0.0
030     7/31/2023 08:27:39     0.0    0.0    0.0
031     7/31/2023 08:28:39     0.0    0.0    0.0
032     7/31/2023 08:29:39     0.0    0.0    0.0
033     7/31/2023 08:30:39     0.0    0.0    0.0
034     7/31/2023 08:31:39     0.0    0.0    0.0
035     7/31/2023 08:32:39     0.0    0.0    0.0
036     7/31/2023 08:33:39     0.0    0.0    0.0
037     7/31/2023 08:34:39     0.0    0.0    0.0
038     7/31/2023 08:35:39     0.0    0.0    0.0
039     7/31/2023 08:36:39     0.0    0.0    0.0
040     7/31/2023 08:37:39     0.0    0.0    0.0
041     7/31/2023 08:38:39     0.0    0.0    0.0
042     7/31/2023 08:39:39     0.0    0.0    0.0
043     7/31/2023 08:40:39     0.0    0.0    0.0
044     7/31/2023 08:41:39     0.0    0.0    0.0
045     7/31/2023 08:42:39     0.0    0.0    0.0
046     7/31/2023 08:43:39     0.0    0.0    0.0
047     7/31/2023 08:44:39     0.0    0.0    0.0
048     7/31/2023 08:45:39     0.0    0.0    0.0
049     7/31/2023 08:46:39     0.0    0.0    0.0
050     7/31/2023 08:47:39     0.0    0.0    0.0
051     7/31/2023 08:48:39     0.0    0.0    0.0
052     7/31/2023 08:49:39     0.0    0.0    0.0
053     7/31/2023 08:50:39     0.0    0.0    0.0
054     7/31/2023 08:51:39     0.0    0.0    0.0
055     7/31/2023 08:52:39     0.0    0.0    0.0
056     7/31/2023 08:53:39     0.0    0.0    0.0
057     7/31/2023 08:54:39     0.0    0.0    0.0
058     7/31/2023 08:55:39     0.0    0.0    0.0
059     7/31/2023 08:56:39     0.0    0.0    0.0
060     7/31/2023 08:57:39     0.0    0.0    0.0
061     7/31/2023 08:58:39     0.0    0.0    0.0
062     7/31/2023 08:59:39     0.0    0.0    0.0
063     7/31/2023 09:00:39     0.0    0.0    0.0
064     7/31/2023 09:01:39     0.0    0.0    0.0
065     7/31/2023 09:02:39     0.0    0.0    0.0
066     7/31/2023 09:03:39     0.0    0.0    0.0
067     7/31/2023 09:04:39     0.0    0.0    0.0
068     7/31/2023 09:05:39     0.0    0.0    0.0
069     7/31/2023 09:06:39     0.0    0.1    0.1
070     7/31/2023 09:07:39     0.0    0.1    0.1
071     7/31/2023 09:08:39     0.0    0.1    0.0
072     7/31/2023 09:09:39     0.1    0.1    0.1
073     7/31/2023 09:10:39     0.1    0.1    0.1
074     7/31/2023 09:11:39     0.0    0.1    0.0
075     7/31/2023 09:12:39     0.1    0.1    0.1
076     7/31/2023 09:13:39     0.1    0.1    0.0
077     7/31/2023 09:14:39     0.1    0.1    0.1
078     7/31/2023 09:15:39     0.1    0.1    0.1
079     7/31/2023 09:16:39     0.1    0.1    0.1
080     7/31/2023 09:17:39     0.1    0.1    0.1
081     7/31/2023 09:18:39     0.1    0.1    0.1
082     7/31/2023 09:19:39     0.1    0.1    0.1
083     7/31/2023 09:20:39     0.1    0.1    0.1
084     7/31/2023 09:21:39     0.1    0.1    0.1
085     7/31/2023 09:22:39     0.1    0.1    0.1
086     7/31/2023 09:23:39     0.1    0.1    0.1
087     7/31/2023 09:24:39     0.1    0.1    0.1
088     7/31/2023 09:25:39     0.1    0.1    0.1
089     7/31/2023 09:26:39     0.1    0.1    0.1
090     7/31/2023 09:27:39     0.1    0.1    0.1
091     7/31/2023 09:28:39     0.1    0.1    0.1
092     7/31/2023 09:29:39     0.1    0.1    0.1
093     7/31/2023 09:30:39     0.1    0.1    0.1
094     7/31/2023 09:31:39     0.1    0.1    0.1
095     7/31/2023 09:32:39     0.1    0.1    0.1
096     7/31/2023 09:33:39     0.1    0.1    0.1
097     7/31/2023 09:34:39     0.1    0.1    0.1
098     7/31/2023 09:35:39     0.1    0.1    0.1
099     7/31/2023 09:36:39     0.1    0.1    0.1
100     7/31/2023 09:37:39     0.1    0.1    0.1
101     7/31/2023 09:38:39     0.1    0.1    0.1
102     7/31/2023 09:39:39     0.1    0.2    0.2
103     7/31/2023 09:40:39     0.1    0.2    0.1
104     7/31/2023 09:41:39     0.2    0.2    0.1
105     7/31/2023 09:42:39     0.2    0.2    0.2
106     7/31/2023 09:43:39     0.2    0.2    0.2
107     7/31/2023 09:44:39     0.2    0.2    0.2
108     7/31/2023 09:45:39     0.2    0.2    0.2
109     7/31/2023 09:46:39     0.2    0.2    0.2
110     7/31/2023 09:47:39     0.2    0.2    0.2
111     7/31/2023 09:48:39     0.2    0.2    0.2
112     7/31/2023 09:49:39     0.2    0.2    0.2
113     7/31/2023 09:50:39     0.2    0.2    0.2
114     7/31/2023 09:51:39     0.2    0.2    0.2
115     7/31/2023 09:52:39     0.2    0.2    0.2
116     7/31/2023 09:53:39     0.2    0.2    0.2
117     7/31/2023 09:54:39     0.2    0.2    0.2
118     7/31/2023 09:55:39     0.2    0.2    0.2
119     7/31/2023 09:56:39     0.2    0.2    0.2
120     7/31/2023 09:57:39     0.2    0.2    0.2
121     7/31/2023 09:58:39     0.2    0.2    0.2
122     7/31/2023 09:59:39     0.2    0.2    0.2
123     7/31/2023 10:00:39     0.2    0.2    0.2
124     7/31/2023 10:01:39     0.2    0.2    0.2
125     7/31/2023 10:02:39     0.2    0.2    0.2
126     7/31/2023 10:03:39     0.2    0.2    0.2
127     7/31/2023 10:04:39     0.2    0.2    0.2
128     7/31/2023 10:05:39     0.2    0.3    0.3
129     7/31/2023 10:06:39     0.3    0.3    0.3
130     7/31/2023 10:07:39     0.3    0.3    0.3
131     7/31/2023 10:08:39     0.3    0.3    0.3
132     7/31/2023 10:09:39     0.3    0.3    0.3
133     7/31/2023 10:10:39     0.3    0.3    0.3
134     7/31/2023 10:11:39     0.3    0.3    0.3
135     7/31/2023 10:12:39     0.3    0.3    0.3
136     7/31/2023 10:13:39     0.3    0.3    0.3
137     7/31/2023 10:14:39     0.3    0.3    0.3
138     7/31/2023 10:15:39     0.3    0.3    0.3
139     7/31/2023 10:16:39     0.3    0.3    0.3
140     7/31/2023 10:17:39     0.3    0.3    0.3
141     7/31/2023 10:18:39     0.3    0.3    0.3
142     7/31/2023 10:19:39     0.3    0.3    0.3
143     7/31/2023 10:20:39     0.3    0.3    0.3
144     7/31/2023 10:21:39     0.3    0.3    0.3
145     7/31/2023 10:22:39     0.3    0.3    0.3
146     7/31/2023 10:23:39     0.3    0.3    0.3
147     7/31/2023 10:24:39     0.3    0.3    0.3
148     7/31/2023 10:25:39     0.3    0.3    0.3
149     7/31/2023 10:26:39     0.3    0.3    0.3
150     7/31/2023 10:27:39     0.3    0.3    0.3
151     7/31/2023 10:28:39     0.3    0.3    0.3
152     7/31/2023 10:29:39     0.3    0.3    0.3
153     7/31/2023 10:30:39     0.3    0.3    0.3
154     7/31/2023 10:31:39     0.3    0.3    0.3
155     7/31/2023 10:32:39     0.3    0.3    0.3
156     7/31/2023 10:33:39     0.3    0.3    0.3
157     7/31/2023 10:34:39     0.3    0.3    0.3
158     7/31/2023 10:35:39     0.3    0.3    0.3
```

Index	Date/Time			
159	7/31/2023 10:36:39	0.3	0.3	0.3
160	7/31/2023 10:37:39	0.3	0.3	0.3
161	7/31/2023 10:38:39	0.3	0.3	0.3
162	7/31/2023 10:39:39	0.3	0.3	0.3
163	7/31/2023 10:40:39	0.3	0.3	0.3
164	7/31/2023 10:41:39	0.3	0.3	0.3
165	7/31/2023 10:42:39	0.3	0.3	0.3
166	7/31/2023 10:43:39	0.3	0.3	0.3
167	7/31/2023 10:44:39	0.3	0.3	0.3
168	7/31/2023 10:45:39	0.3	0.3	0.3
169	7/31/2023 10:46:39	0.3	0.3	0.3
170	7/31/2023 10:47:39	0.3	0.3	0.3
171	7/31/2023 10:48:39	0.3	0.3	0.3
172	7/31/2023 10:49:39	0.3	0.3	0.3
173	7/31/2023 10:50:39	0.3	0.3	0.3
174	7/31/2023 10:51:39	0.3	0.3	0.3
175	7/31/2023 10:52:39	0.3	0.3	0.3
176	7/31/2023 10:53:39	0.3	0.3	0.3
177	7/31/2023 10:54:39	0.3	0.3	0.3
178	7/31/2023 10:55:39	0.3	0.3	0.3
179	7/31/2023 10:56:39	0.3	0.3	0.3
180	7/31/2023 10:57:39	0.3	0.3	0.3
181	7/31/2023 10:58:39	0.3	0.3	0.3
182	7/31/2023 10:59:39	0.3	0.3	0.3
183	7/31/2023 11:00:39	0.3	0.3	0.3
184	7/31/2023 11:01:39	0.3	0.3	0.3
185	7/31/2023 11:02:39	0.3	0.3	0.3
186	7/31/2023 11:03:39	0.3	0.3	0.3
187	7/31/2023 11:04:39	0.3	0.3	0.3
188	7/31/2023 11:05:39	0.3	0.3	0.3
189	7/31/2023 11:06:39	0.3	0.3	0.3
190	7/31/2023 11:07:39	0.3	0.3	0.3
191	7/31/2023 11:08:39	0.3	0.3	0.3
192	7/31/2023 11:09:39	0.3	0.3	0.3
193	7/31/2023 11:10:39	0.3	0.3	0.3
194	7/31/2023 11:11:39	0.3	0.3	0.3
195	7/31/2023 11:12:39	0.3	0.3	0.3
196	7/31/2023 11:13:39	0.3	0.3	0.3
197	7/31/2023 11:14:39	0.3	0.3	0.3
198	7/31/2023 11:15:39	0.3	0.3	0.3
199	7/31/2023 11:16:39	0.3	0.3	0.3
200	7/31/2023 11:17:39	0.3	0.3	0.3
201	7/31/2023 11:18:39	0.3	0.3	0.3
202	7/31/2023 11:19:39	0.3	0.3	0.3
203	7/31/2023 11:20:39	0.3	0.3	0.3
204	7/31/2023 11:21:39	0.3	0.3	0.3
205	7/31/2023 11:22:39	0.3	0.3	0.3
206	7/31/2023 11:23:39	0.3	0.3	0.3
207	7/31/2023 11:24:39	0.3	0.3	0.3
208	7/31/2023 11:25:39	0.3	0.3	0.3
209	7/31/2023 11:26:39	0.3	0.3	0.3
210	7/31/2023 11:27:39	0.3	0.3	0.3
211	7/31/2023 11:28:39	0.3	0.3	0.3
212	7/31/2023 11:29:39	0.3	0.3	0.3
213	7/31/2023 11:30:39	0.3	0.3	0.3
214	7/31/2023 11:31:39	0.3	0.3	0.3
215	7/31/2023 11:32:39	0.3	0.3	0.3
216	7/31/2023 11:33:39	0.3	0.3	0.3
217	7/31/2023 11:34:39	0.3	0.3	0.3
218	7/31/2023 11:35:39	0.3	0.3	0.3
219	7/31/2023 11:36:39	0.3	0.3	0.3
220	7/31/2023 11:37:39	0.3	0.3	0.3
221	7/31/2023 11:38:39	0.3	0.3	0.3
222	7/31/2023 11:39:39	0.3	0.3	0.3
223	7/31/2023 11:40:39	0.3	0.3	0.3
224	7/31/2023 11:41:39	0.3	0.3	0.3
225	7/31/2023 11:42:39	0.3	0.3	0.3
226	7/31/2023 11:43:39	0.3	0.3	0.3
227	7/31/2023 11:44:39	0.3	0.3	0.3
228	7/31/2023 11:45:39	0.3	0.3	0.3
229	7/31/2023 11:46:39	0.3	0.3	0.3
230	7/31/2023 11:47:39	0.3	0.3	0.2
231	7/31/2023 11:48:39	0.2	0.3	0.3
232	7/31/2023 11:49:39	0.3	0.3	0.3
233	7/31/2023 11:50:39	0.3	0.3	0.3
234	7/31/2023 11:51:39	0.3	0.3	0.3
235	7/31/2023 11:52:39	0.3	0.3	0.3
236	7/31/2023 11:53:39	0.3	0.3	0.3
237	7/31/2023 11:54:39	0.3	0.3	0.3
238	7/31/2023 11:55:39	0.2	0.3	0.2
239	7/31/2023 11:56:39	0.2	0.3	0.3
240	7/31/2023 11:57:39	0.2	0.3	0.2
241	7/31/2023 11:58:39	0.2	0.3	0.2
242	7/31/2023 11:59:39	0.2	0.3	0.2
243	7/31/2023 12:00:39	0.2	0.3	0.2
244	7/31/2023 12:01:39	0.2	0.3	0.2
245	7/31/2023 12:02:39	0.2	0.3	0.2
246	7/31/2023 12:03:39	0.2	0.2	0.2
247	7/31/2023 12:04:39	0.2	0.2	0.2
248	7/31/2023 12:05:39	0.2	0.2	0.2
249	7/31/2023 12:06:39	0.2	0.2	0.2
250	7/31/2023 12:07:39	0.2	0.2	0.2
251	7/31/2023 12:08:39	0.2	0.2	0.2
Peak		0.3	0.3	0.3
Min		0.0	0.0	0.0
Average		0.2	0.2	0.2

```
************************************************************
TWA/STEL
                    PID(ppm)        PID(ppm)
```

Index	Date/Time	(TWA)	(STEL)
001	7/31/2023 07:58:39	0.0	---
002	7/31/2023 07:59:39	0.0	---
003	7/31/2023 08:00:39	0.0	---
004	7/31/2023 08:01:39	0.0	---
005	7/31/2023 08:02:39	0.0	---
006	7/31/2023 08:03:39	0.0	---
007	7/31/2023 08:04:39	0.0	---
008	7/31/2023 08:05:39	0.0	---
009	7/31/2023 08:06:39	0.0	---
010	7/31/2023 08:07:39	0.0	---
011	7/31/2023 08:08:39	0.0	---
012	7/31/2023 08:09:39	0.0	---
013	7/31/2023 08:10:39	0.0	---
014	7/31/2023 08:11:39	0.0	---
015	7/31/2023 08:12:39	0.0	0.0
016	7/31/2023 08:13:39	0.0	0.0
017	7/31/2023 08:14:39	0.0	0.0
018	7/31/2023 08:15:39	0.0	0.0
019	7/31/2023 08:16:39	0.0	0.0
020	7/31/2023 08:17:39	0.0	0.0
021	7/31/2023 08:18:39	0.0	0.0
022	7/31/2023 08:19:39	0.0	0.0
023	7/31/2023 08:20:39	0.0	0.0
024	7/31/2023 08:21:39	0.0	0.0
025	7/31/2023 08:22:39	0.0	0.0
026	7/31/2023 08:23:39	0.0	0.0
027	7/31/2023 08:24:39	0.0	0.0
028	7/31/2023 08:25:39	0.0	0.0
029	7/31/2023 08:26:39	0.0	0.0
030	7/31/2023 08:27:39	0.0	0.0
031	7/31/2023 08:28:39	0.0	0.0
032	7/31/2023 08:29:39	0.0	0.0
033	7/31/2023 08:30:39	0.0	0.0
034	7/31/2023 08:31:39	0.0	0.0
035	7/31/2023 08:32:39	0.0	0.0
036	7/31/2023 08:33:39	0.0	0.0
037	7/31/2023 08:34:39	0.0	0.0
038	7/31/2023 08:35:39	0.0	0.0
039	7/31/2023 08:36:39	0.0	0.0
040	7/31/2023 08:37:39	0.0	0.0
041	7/31/2023 08:38:39	0.0	0.0
042	7/31/2023 08:39:39	0.0	0.0
043	7/31/2023 08:40:39	0.0	0.0
044	7/31/2023 08:41:39	0.0	0.0
045	7/31/2023 08:42:39	0.0	0.0
046	7/31/2023 08:43:39	0.0	0.0
047	7/31/2023 08:44:39	0.0	0.0
048	7/31/2023 08:45:39	0.0	0.0
049	7/31/2023 08:46:39	0.0	0.0
050	7/31/2023 08:47:39	0.0	0.0
051	7/31/2023 08:48:39	0.0	0.0
052	7/31/2023 08:49:39	0.0	0.0
053	7/31/2023 08:50:39	0.0	0.0
054	7/31/2023 08:51:39	0.0	0.0
055	7/31/2023 08:52:39	0.0	0.0
056	7/31/2023 08:53:39	0.0	0.0
057	7/31/2023 08:54:39	0.0	0.0
058	7/31/2023 08:55:39	0.0	0.0
059	7/31/2023 08:56:39	0.0	0.0
060	7/31/2023 08:57:39	0.0	0.0
061	7/31/2023 08:58:39	0.0	0.0
062	7/31/2023 08:59:39	0.0	0.0
063	7/31/2023 09:00:39	0.0	0.0
064	7/31/2023 09:01:39	0.0	0.0
065	7/31/2023 09:02:39	0.0	0.0
066	7/31/2023 09:03:39	0.0	0.0
067	7/31/2023 09:04:39	0.0	0.0
068	7/31/2023 09:05:39	0.0	0.0
069	7/31/2023 09:06:39	0.0	0.0
070	7/31/2023 09:07:39	0.0	0.0
071	7/31/2023 09:08:39	0.0	0.0
072	7/31/2023 09:09:39	0.0	0.0
073	7/31/2023 09:10:39	0.0	0.0
074	7/31/2023 09:11:39	0.0	0.0
075	7/31/2023 09:12:39	0.0	0.0
076	7/31/2023 09:13:39	0.0	0.0
077	7/31/2023 09:14:39	0.0	0.0
078	7/31/2023 09:15:39	0.0	0.0
079	7/31/2023 09:16:39	0.0	0.1
080	7/31/2023 09:17:39	0.0	0.1
081	7/31/2023 09:18:39	0.0	0.1
082	7/31/2023 09:19:39	0.0	0.1
083	7/31/2023 09:20:39	0.0	0.1
084	7/31/2023 09:21:39	0.0	0.1
085	7/31/2023 09:22:39	0.0	0.1
086	7/31/2023 09:23:39	0.0	0.1
087	7/31/2023 09:24:39	0.0	0.1
088	7/31/2023 09:25:39	0.0	0.1
089	7/31/2023 09:26:39	0.0	0.1
090	7/31/2023 09:27:39	0.0	0.1
091	7/31/2023 09:28:39	0.0	0.1
092	7/31/2023 09:29:39	0.0	0.1
093	7/31/2023 09:30:39	0.0	0.1
094	7/31/2023 09:31:39	0.0	0.1
095	7/31/2023 09:32:39	0.0	0.1
096	7/31/2023 09:33:39	0.0	0.1
097	7/31/2023 09:34:39	0.0	0.1
098	7/31/2023 09:35:39	0.0	0.1
099	7/31/2023 09:36:39	0.0	0.1

#	Date	Time		
100	7/31/2023	09:37:39	0.0	0.1
101	7/31/2023	09:38:39	0.0	0.1
102	7/31/2023	09:39:39	0.0	0.1
103	7/31/2023	09:40:39	0.0	0.1
104	7/31/2023	09:41:39	0.0	0.1
105	7/31/2023	09:42:39	0.0	0.1
106	7/31/2023	09:43:39	0.0	0.1
107	7/31/2023	09:44:39	0.0	0.1
108	7/31/2023	09:45:39	0.0	0.1
109	7/31/2023	09:46:39	0.0	0.1
110	7/31/2023	09:47:39	0.0	0.2
111	7/31/2023	09:48:39	0.0	0.2
112	7/31/2023	09:49:39	0.0	0.2
113	7/31/2023	09:50:39	0.0	0.2
114	7/31/2023	09:51:39	0.0	0.2
115	7/31/2023	09:52:39	0.0	0.2
116	7/31/2023	09:53:39	0.0	0.2
117	7/31/2023	09:54:39	0.0	0.2
118	7/31/2023	09:55:39	0.0	0.2
119	7/31/2023	09:56:39	0.0	0.2
120	7/31/2023	09:57:39	0.0	0.2
121	7/31/2023	09:58:39	0.0	0.2
122	7/31/2023	09:59:39	0.0	0.2
123	7/31/2023	10:00:39	0.0	0.2
124	7/31/2023	10:01:39	0.0	0.2
125	7/31/2023	10:02:39	0.0	0.2
126	7/31/2023	10:03:39	0.0	0.2
127	7/31/2023	10:04:39	0.0	0.2
128	7/31/2023	10:05:39	0.0	0.2
129	7/31/2023	10:06:39	0.0	0.2
130	7/31/2023	10:07:39	0.0	0.2
131	7/31/2023	10:08:39	0.0	0.2
132	7/31/2023	10:09:39	0.0	0.2
133	7/31/2023	10:10:39	0.0	0.3
134	7/31/2023	10:11:39	0.0	0.3
135	7/31/2023	10:12:39	0.0	0.3
136	7/31/2023	10:13:39	0.0	0.3
137	7/31/2023	10:14:39	0.0	0.3
138	7/31/2023	10:15:39	0.0	0.3
139	7/31/2023	10:16:39	0.0	0.3
140	7/31/2023	10:17:39	0.0	0.3
141	7/31/2023	10:18:39	0.0	0.3
142	7/31/2023	10:19:39	0.0	0.3
143	7/31/2023	10:20:39	0.0	0.3
144	7/31/2023	10:21:39	0.0	0.3
145	7/31/2023	10:22:39	0.0	0.3
146	7/31/2023	10:23:39	0.0	0.3
147	7/31/2023	10:24:39	0.0	0.3
148	7/31/2023	10:25:39	0.0	0.3
149	7/31/2023	10:26:39	0.0	0.3
150	7/31/2023	10:27:39	0.0	0.3
151	7/31/2023	10:28:39	0.0	0.3
152	7/31/2023	10:29:39	0.0	0.3
153	7/31/2023	10:30:39	0.0	0.3
154	7/31/2023	10:31:39	0.0	0.3
155	7/31/2023	10:32:39	0.0	0.3
156	7/31/2023	10:33:39	0.0	0.3
157	7/31/2023	10:34:39	0.0	0.3
158	7/31/2023	10:35:39	0.0	0.3
159	7/31/2023	10:36:39	0.0	0.3
160	7/31/2023	10:37:39	0.0	0.3
161	7/31/2023	10:38:39	0.0	0.3
162	7/31/2023	10:39:39	0.0	0.3
163	7/31/2023	10:40:39	0.0	0.3
164	7/31/2023	10:41:39	0.0	0.3
165	7/31/2023	10:42:39	0.0	0.3
166	7/31/2023	10:43:39	0.0	0.3
167	7/31/2023	10:44:39	0.0	0.3
168	7/31/2023	10:45:39	0.0	0.3
169	7/31/2023	10:46:39	0.0	0.3
170	7/31/2023	10:47:39	0.0	0.3
171	7/31/2023	10:48:39	0.0	0.3
172	7/31/2023	10:49:39	0.0	0.3
173	7/31/2023	10:50:39	0.0	0.3
174	7/31/2023	10:51:39	0.0	0.3
175	7/31/2023	10:52:39	0.0	0.3
176	7/31/2023	10:53:39	0.0	0.3
177	7/31/2023	10:54:39	0.0	0.3
178	7/31/2023	10:55:39	0.0	0.3
179	7/31/2023	10:56:39	0.0	0.3
180	7/31/2023	10:57:39	0.0	0.3
181	7/31/2023	10:58:39	0.1	0.3
182	7/31/2023	10:59:39	0.1	0.3
183	7/31/2023	11:00:39	0.1	0.3
184	7/31/2023	11:01:39	0.1	0.3
185	7/31/2023	11:02:39	0.1	0.3
186	7/31/2023	11:03:39	0.1	0.3
187	7/31/2023	11:04:39	0.1	0.3
188	7/31/2023	11:05:39	0.1	0.3
189	7/31/2023	11:06:39	0.1	0.3
190	7/31/2023	11:07:39	0.1	0.3
191	7/31/2023	11:08:39	0.1	0.3
192	7/31/2023	11:09:39	0.1	0.3
193	7/31/2023	11:10:39	0.1	0.3
194	7/31/2023	11:11:39	0.1	0.3
195	7/31/2023	11:12:39	0.1	0.3
196	7/31/2023	11:13:39	0.1	0.3
197	7/31/2023	11:14:39	0.1	0.3
198	7/31/2023	11:15:39	0.1	0.3
199	7/31/2023	11:16:39	0.1	0.3
200	7/31/2023	11:17:39	0.1	0.3
201	7/31/2023	11:18:39	0.1	0.3
202	7/31/2023	11:19:39	0.1	0.3
203	7/31/2023	11:20:39	0.1	0.3
204	7/31/2023	11:21:39	0.1	0.3
205	7/31/2023	11:22:39	0.1	0.3
206	7/31/2023	11:23:39	0.1	0.3
207	7/31/2023	11:24:39	0.1	0.3
208	7/31/2023	11:25:39	0.1	0.3
209	7/31/2023	11:26:39	0.1	0.3
210	7/31/2023	11:27:39	0.1	0.3
211	7/31/2023	11:28:39	0.1	0.3
212	7/31/2023	11:29:39	0.1	0.3
213	7/31/2023	11:30:39	0.1	0.3
214	7/31/2023	11:31:39	0.1	0.3
215	7/31/2023	11:32:39	0.1	0.3
216	7/31/2023	11:33:39	0.1	0.3
217	7/31/2023	11:34:39	0.1	0.3
218	7/31/2023	11:35:39	0.1	0.3
219	7/31/2023	11:36:39	0.1	0.3
220	7/31/2023	11:37:39	0.1	0.3
221	7/31/2023	11:38:39	0.1	0.3
222	7/31/2023	11:39:39	0.1	0.3
223	7/31/2023	11:40:39	0.1	0.3
224	7/31/2023	11:41:39	0.1	0.3
225	7/31/2023	11:42:39	0.1	0.3
226	7/31/2023	11:43:39	0.1	0.3
227	7/31/2023	11:44:39	0.1	0.3
228	7/31/2023	11:45:39	0.1	0.3
229	7/31/2023	11:46:39	0.1	0.3
230	7/31/2023	11:47:39	0.1	0.3
231	7/31/2023	11:48:39	0.1	0.3
232	7/31/2023	11:49:39	0.1	0.3
233	7/31/2023	11:50:39	0.1	0.3
234	7/31/2023	11:51:39	0.1	0.3
235	7/31/2023	11:52:39	0.1	0.3
236	7/31/2023	11:53:39	0.1	0.3
237	7/31/2023	11:54:39	0.1	0.3
238	7/31/2023	11:55:39	0.1	0.3
239	7/31/2023	11:56:39	0.1	0.3
240	7/31/2023	11:57:39	0.1	0.3
241	7/31/2023	11:58:39	0.1	0.3
242	7/31/2023	11:59:39	0.1	0.3
243	7/31/2023	12:00:39	0.1	0.3
244	7/31/2023	12:01:39	0.1	0.3
245	7/31/2023	12:02:39	0.1	0.3
246	7/31/2023	12:03:39	0.1	0.3
247	7/31/2023	12:04:39	0.1	0.3
248	7/31/2023	12:05:39	0.1	0.3
249	7/31/2023	12:06:39	0.1	0.2
250	7/31/2023	12:07:39	0.1	0.2
251	7/31/2023	12:08:39	0.1	0.2

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192213
Test ID:,001
Test Abbreviation:,MANUAL_001
Start Date:,07/28/2023
Start Time:,08:49:01
Duration (dd:hh:mm:ss):,0:00:50:00
Log Interval (mm:ss):,01:00
Number of points:,50
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:,0.022,0.022,0.023,0.023,0.023
,Minimum:,0.021,0.021,0.021,0.021,0.021
,Time of Minimum:,09:11:01,09:18:01,09:25:01,09:26:01,09:26:01
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.025,0.025,0.026,0.028,0.035
,Time of Maximum:,08:50:01,08:50:01,08:50:01,08:50:01,08:50:01
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,08:50:01,0.025,0.025,0.026,0.028,0.035
07/28/2023,08:51:01,0.023,0.023,0.024,0.024,0.024
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07/28/2023,09:35:01,0.021,0.021,0.022,0.023,0.023
07/28/2023,09:36:01,0.021,0.021,0.022,0.022,0.022
07/28/2023,09:37:01,0.021,0.021,0.022,0.022,0.022
07/28/2023,09:38:01,0.021,0.021,0.021,0.022,0.022
07/28/2023,09:39:01,0.021,0.021,0.022,0.022,0.022

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192213
Test ID:,002
Test Abbreviation:,MANUAL_002
Start Date:,07/28/2023
Start Time:,10:54:41
Duration (dd:hh:mm:ss):,0:00:51:00
Log Interval (mm:ss):,01:00
Number of points:,51
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:,0.004,0.004,0.004,0.004,0.004
,Minimum:,0.003,0.003,0.003,0.003,0.003
,Time of Minimum:,11:12:41,11:12:41,11:12:41,11:12:41,11:12:41
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.013,0.013,0.014,0.014,0.014
,Time of Maximum:,10:55:41,10:55:41,10:55:41,10:55:41,10:55:41

,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,10:55:41,0.013,0.013,0.014,0.014,0.014
07/28/2023,10:56:41,0.010,0.010,0.010,0.011,0.011
07/28/2023,10:57:41,0.009,0.009,0.009,0.009,0.009
07/28/2023,10:58:41,0.007,0.007,0.008,0.008,0.008
07/28/2023,10:59:41,0.006,0.006,0.006,0.006,0.006
07/28/2023,11:00:41,0.006,0.006,0.006,0.006,0.006
07/28/2023,11:01:41,0.005,0.005,0.005,0.005,0.005
07/28/2023,11:02:41,0.005,0.005,0.005,0.005,0.005
07/28/2023,11:03:41,0.005,0.005,0.005,0.005,0.005
07/28/2023,11:04:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:05:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:06:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:07:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:08:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:09:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:10:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:11:41,0.004,0.004,0.004,0.004,0.004
07/28/2023,11:12:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:13:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:14:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:15:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:16:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:17:41,0.003,0.003,0.004,0.004,0.004
07/28/2023,11:18:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:19:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:20:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:21:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:22:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:23:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:24:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:25:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:26:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:27:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:28:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:29:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:30:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:31:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:32:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:33:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:34:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:35:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:36:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:37:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:38:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:39:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:40:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:41:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:42:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:43:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:44:41,0.003,0.003,0.003,0.003,0.003
07/28/2023,11:45:41,0.003,0.003,0.003,0.003,0.003

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192213
Test ID:,003
Test Abbreviation:,MANUAL_003
Start Date:,07/28/2023
Start Time:,12:20:16
Duration (dd:hh:mm:ss):,0:01:27:00
Log Interval (mm:ss):,01:00
Number of points:,87
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:,0.016,0.016,0.016,0.016,0.017
,Minimum:,0.015,0.015,0.015,0.015,0.015
,Time of Minimum:,12:22:16,12:22:16,12:30:16,12:31:16,12:31:16
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.021,0.021,0.021,0.022,0.022
,Time of Maximum:,13:42:16,13:42:16,13:42:16,13:42:16,12:21:16
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,12:21:16,0.016,0.016,0.016,0.019,0.022
07/28/2023,12:22:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:23:16,0.016,0.016,0.016,0.017,0.018
07/28/2023,12:24:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:25:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:26:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:27:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:28:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:29:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:30:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:31:16,0.015,0.015,0.015,0.015,0.015
07/28/2023,12:32:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:33:16,0.015,0.015,0.015,0.015,0.015
07/28/2023,12:34:16,0.015,0.015,0.016,0.016,0.016

07/28/2023,12:35:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:36:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:37:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:38:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:39:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:40:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:41:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:42:16,0.018,0.018,0.018,0.019,0.019
07/28/2023,12:43:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:44:16,0.015,0.015,0.015,0.015,0.015
07/28/2023,12:45:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:46:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:47:16,0.015,0.015,0.016,0.017,0.017
07/28/2023,12:48:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,12:49:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:50:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:51:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:52:16,0.015,0.015,0.015,0.016,0.016
07/28/2023,12:53:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:54:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:55:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,12:56:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:57:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,12:58:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,12:59:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:00:16,0.016,0.016,0.016,0.016,0.017
07/28/2023,13:01:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:02:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:03:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:04:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:05:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:06:16,0.016,0.016,0.016,0.016,0.017
07/28/2023,13:07:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:08:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:09:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:10:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:11:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:12:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:13:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:14:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:15:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:16:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:17:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:18:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:19:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:20:16,0.016,0.016,0.016,0.016,0.017
07/28/2023,13:21:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:22:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:23:16,0.015,0.016,0.016,0.016,0.016
07/28/2023,13:24:16,0.016,0.016,0.016,0.016,0.016

07/28/2023,13:25:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:26:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:27:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:28:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:29:16,0.016,0.016,0.016,0.016,0.018
07/28/2023,13:30:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:31:16,0.015,0.015,0.016,0.016,0.016
07/28/2023,13:32:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:33:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:34:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:35:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:36:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:37:16,0.016,0.016,0.016,0.017,0.017
07/28/2023,13:38:16,0.016,0.016,0.017,0.017,0.017
07/28/2023,13:39:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:40:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:41:16,0.016,0.016,0.016,0.016,0.016
07/28/2023,13:42:16,0.021,0.021,0.021,0.022,0.022
07/28/2023,13:43:16,0.021,0.021,0.021,0.021,0.021
07/28/2023,13:44:16,0.020,0.020,0.020,0.020,0.021
07/28/2023,13:45:16,0.020,0.020,0.020,0.020,0.020
07/28/2023,13:46:16,0.019,0.019,0.019,0.020,0.020
07/28/2023,13:47:16,0.017,0.017,0.017,0.017,0.017

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192213
Test ID:,004
Test Abbreviation:,MANUAL_004
Start Date:,07/31/2023
Start Time:,07:51:35
Duration (dd:hh:mm:ss):,0:04:01:00
Log Interval (mm:ss):,01:00
Number of points:,241
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:,0.041,0.043,0.049,0.065,0.066
,Minimum:,0.011,0.011,0.012,0.012,0.012
,Time of Minimum:,07:54:35,07:54:35,07:54:35,07:55:35,07:56:35
,Date of Minimum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023
,Maximum:,1.560,1.630,1.990,2.780,2.830
,Time of Maximum:,08:39:35,08:39:35,08:39:35,08:39:35,08:39:35
,Date of Maximum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023

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

07/31/2023,07:52:35,0.015,0.016,0.017,0.019,0.025
07/31/2023,07:53:35,0.012,0.012,0.013,0.014,0.014
07/31/2023,07:54:35,0.011,0.011,0.012,0.013,0.013
07/31/2023,07:55:35,0.011,0.011,0.012,0.012,0.013
07/31/2023,07:56:35,0.011,0.011,0.012,0.012,0.012
07/31/2023,07:57:35,0.011,0.011,0.012,0.013,0.013
07/31/2023,07:58:35,0.011,0.011,0.012,0.013,0.013
07/31/2023,07:59:35,0.011,0.011,0.012,0.013,0.013
07/31/2023,08:00:35,0.012,0.012,0.012,0.013,0.013
07/31/2023,08:01:35,0.011,0.012,0.012,0.013,0.013
07/31/2023,08:02:35,0.012,0.012,0.012,0.014,0.014
07/31/2023,08:03:35,0.012,0.012,0.012,0.013,0.013
07/31/2023,08:04:35,0.012,0.012,0.012,0.014,0.014
07/31/2023,08:05:35,0.012,0.012,0.013,0.014,0.014
07/31/2023,08:06:35,0.012,0.012,0.013,0.014,0.014
07/31/2023,08:07:35,0.012,0.012,0.012,0.014,0.014
07/31/2023,08:08:35,0.012,0.012,0.013,0.013,0.013
07/31/2023,08:09:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:10:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:11:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:12:35,0.013,0.013,0.014,0.014,0.014

07/31/2023,08:13:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:14:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:15:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:16:35,0.013,0.013,0.014,0.014,0.014
07/31/2023,08:17:35,0.013,0.013,0.014,0.014,0.014
07/31/2023,08:18:35,0.012,0.013,0.013,0.014,0.014
07/31/2023,08:19:35,0.012,0.013,0.013,0.014,0.014
07/31/2023,08:20:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:21:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:22:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:23:35,0.012,0.013,0.013,0.014,0.014
07/31/2023,08:24:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:25:35,0.013,0.013,0.013,0.014,0.015
07/31/2023,08:26:35,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:27:35,0.013,0.013,0.014,0.015,0.015
07/31/2023,08:28:35,0.013,0.013,0.013,0.014,0.015
07/31/2023,08:29:35,0.013,0.014,0.014,0.015,0.015
07/31/2023,08:30:35,0.014,0.014,0.015,0.016,0.016
07/31/2023,08:31:35,0.014,0.014,0.014,0.015,0.015
07/31/2023,08:32:35,0.016,0.016,0.017,0.019,0.020
07/31/2023,08:33:35,0.618,0.648,0.793,1.100,1.110
07/31/2023,08:34:35,0.332,0.347,0.417,0.564,0.573
07/31/2023,08:35:35,0.431,0.452,0.545,0.728,0.737
07/31/2023,08:36:35,0.047,0.048,0.055,0.068,0.068
07/31/2023,08:37:35,0.942,0.987,1.220,1.850,1.900
07/31/2023,08:38:35,0.938,0.983,1.200,1.700,1.730
07/31/2023,08:39:35,1.560,1.630,1.990,2.780,2.830
07/31/2023,08:40:35,0.430,0.451,0.552,0.777,0.787
07/31/2023,08:41:35,0.801,0.838,1.010,1.420,1.450
07/31/2023,08:42:35,0.490,0.514,0.625,0.863,0.876
07/31/2023,08:43:35,0.070,0.073,0.085,0.113,0.114
07/31/2023,08:44:35,0.073,0.076,0.088,0.110,0.113
07/31/2023,08:45:35,0.035,0.036,0.040,0.052,0.061
07/31/2023,08:46:35,0.015,0.015,0.016,0.017,0.018
07/31/2023,08:47:35,0.015,0.015,0.016,0.018,0.018
07/31/2023,08:48:35,0.014,0.014,0.014,0.016,0.016
07/31/2023,08:49:35,0.014,0.014,0.015,0.015,0.015
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TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192705
Test ID:,001
Test Abbreviation:,MANUAL_001
Start Date:,07/28/2023
Start Time:,08:50:55
Duration (dd:hh:mm:ss):,0:00:41:00
Log Interval (mm:ss):,01:00
Number of points:,41
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:,0.019,0.019,0.020,0.022,0.022
,Minimum:,0.013,0.013,0.014,0.014,0.015
,Time of Minimum:,09:13:55,09:15:55,09:14:55,09:17:55,09:14:55
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
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,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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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07/28/2023,09:29:55,0.013,0.014,0.015,0.015,0.015
07/28/2023,09:30:55,0.013,0.014,0.014,0.015,0.015
07/28/2023,09:31:55,0.014,0.014,0.015,0.016,0.016

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192705
Test ID:,002
Test Abbreviation:,MANUAL_002
Start Date:,07/28/2023
Start Time:,10:58:47
Duration (dd:hh:mm:ss):,0:00:57:00
Log Interval (mm:ss):,01:00
Number of points:,57
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:,0.012,0.012,0.013,0.013,0.013
,Time of Minimum:,11:05:47,11:51:47,11:04:47,11:48:47,11:48:47
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.021,0.022,0.024,0.033,0.043
,Time of Maximum:,11:00:47,11:00:47,11:00:47,11:00:47,11:00:47
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,10:59:47,0.013,0.014,0.015,0.015
07/28/2023,11:00:47,0.021,0.022,0.024,0.033,0.043

07/28/2023,11:01:47,0.013,0.014,0.014,0.016,0.016
07/28/2023,11:02:47,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:03:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:04:47,0.013,0.013,0.013,0.014,0.014
07/28/2023,11:05:47,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:06:47,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:07:47,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:08:47,0.013,0.013,0.013,0.014,0.014
07/28/2023,11:09:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:10:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:11:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:12:47,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:13:47,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:14:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:15:47,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:16:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:17:47,0.014,0.014,0.015,0.016,0.016
07/28/2023,11:18:47,0.014,0.014,0.015,0.017,0.018
07/28/2023,11:19:47,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:20:47,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:21:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:22:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:23:47,0.013,0.013,0.013,0.014,0.014
07/28/2023,11:24:47,0.013,0.013,0.013,0.014,0.014
07/28/2023,11:25:47,0.013,0.013,0.014,0.015,0.016
07/28/2023,11:26:47,0.013,0.014,0.015,0.016,0.016
07/28/2023,11:27:47,0.015,0.015,0.016,0.018,0.019
07/28/2023,11:28:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:29:47,0.013,0.014,0.014,0.015,0.016
07/28/2023,11:30:47,0.014,0.014,0.015,0.017,0.017
07/28/2023,11:31:47,0.013,0.014,0.014,0.016,0.016
07/28/2023,11:32:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:33:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:34:47,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:35:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:36:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:37:47,0.014,0.014,0.015,0.017,0.018
07/28/2023,11:38:47,0.013,0.014,0.014,0.015,0.016
07/28/2023,11:39:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:40:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:41:47,0.013,0.014,0.014,0.017,0.017
07/28/2023,11:42:47,0.013,0.014,0.014,0.014,0.014
07/28/2023,11:43:47,0.013,0.014,0.014,0.016,0.016
07/28/2023,11:44:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:45:47,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:46:47,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:47:47,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:48:47,0.012,0.013,0.013,0.013,0.013
07/28/2023,11:49:47,0.015,0.015,0.016,0.021,0.021
07/28/2023,11:50:47,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:51:47,0.012,0.012,0.013,0.014,0.014
07/28/2023,11:52:47,0.012,0.012,0.013,0.013,0.013
07/28/2023,11:53:47,0.013,0.013,0.013,0.014,0.015
07/28/2023,11:54:47,0.012,0.013,0.013,0.013,0.013
07/28/2023,11:55:47,0.012,0.012,0.013,0.014,0.014

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192705
Test ID:,003
Test Abbreviation:,MANUAL_003
Start Date:,07/28/2023
Start Time:,12:15:07
Duration (dd:hh:mm:ss):,0:01:39:00
Log Interval (mm:ss):,01:00
Number of points:,99
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:,0.013,0.013,0.014,0.014,0.014
,Minimum:,0.012,0.012,0.012,0.013,0.013
,Time of Minimum:,12:16:07,12:17:07,12:37:07,12:17:07,12:17:07
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.019,0.019,0.020,0.023,0.025
,Time of Maximum:,13:43:07,13:43:07,13:43:07,13:44:07,13:44:07
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,12:16:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:17:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:18:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:19:07,0.012,0.012,0.013,0.014,0.014
07/28/2023,12:20:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:21:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:22:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:23:07,0.012,0.012,0.013,0.014,0.014
07/28/2023,12:24:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:25:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:26:07,0.013,0.013,0.014,0.014,0.014
07/28/2023,12:27:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:28:07,0.012,0.013,0.013,0.014,0.015
07/28/2023,12:29:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:30:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:31:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:32:07,0.012,0.012,0.013,0.013,0.013

07/28/2023,12:33:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:34:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,12:35:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:36:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:37:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:38:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:39:07,0.012,0.012,0.013,0.013,0.014
07/28/2023,12:40:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:41:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:42:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:43:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:44:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:45:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:46:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:47:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:48:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,12:49:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:50:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:51:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:52:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:53:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:54:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:55:07,0.012,0.012,0.013,0.014,0.014
07/28/2023,12:56:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,12:57:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,12:58:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,12:59:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:00:07,0.012,0.013,0.013,0.014,0.014
07/28/2023,13:01:07,0.013,0.013,0.013,0.014,0.015
07/28/2023,13:02:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,13:03:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,13:04:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,13:05:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,13:06:07,0.012,0.012,0.013,0.013,0.013
07/28/2023,13:07:07,0.012,0.012,0.012,0.013,0.013
07/28/2023,13:08:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,13:09:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:10:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:11:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:12:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:13:07,0.012,0.013,0.013,0.013,0.014
07/28/2023,13:14:07,0.012,0.013,0.013,0.013,0.013
07/28/2023,13:15:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:16:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:17:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:18:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:19:07,0.013,0.013,0.013,0.013,0.014
07/28/2023,13:20:07,0.013,0.013,0.013,0.013,0.013
07/28/2023,13:21:07,0.013,0.013,0.013,0.013,0.013
07/28/2023,13:22:07,0.013,0.013,0.013,0.014,0.014

07/28/2023,13:23:07,0.013,0.013,0.013,0.013,0.013
07/28/2023,13:24:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:25:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:26:07,0.013,0.013,0.014,0.014,0.015
07/28/2023,13:27:07,0.013,0.013,0.013,0.013,0.013
07/28/2023,13:28:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:29:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:30:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:31:07,0.013,0.013,0.013,0.013,0.013
07/28/2023,13:32:07,0.013,0.013,0.014,0.014,0.014
07/28/2023,13:33:07,0.013,0.013,0.014,0.014,0.014
07/28/2023,13:34:07,0.013,0.014,0.014,0.015,0.015
07/28/2023,13:35:07,0.013,0.013,0.013,0.014,0.014
07/28/2023,13:36:07,0.014,0.014,0.015,0.015,0.015
07/28/2023,13:37:07,0.014,0.014,0.014,0.015,0.015
07/28/2023,13:38:07,0.014,0.014,0.014,0.015,0.015
07/28/2023,13:39:07,0.014,0.014,0.015,0.016,0.016
07/28/2023,13:40:07,0.014,0.014,0.014,0.015,0.015
07/28/2023,13:41:07,0.014,0.014,0.014,0.015,0.015
07/28/2023,13:42:07,0.017,0.017,0.017,0.018,0.018
07/28/2023,13:43:07,0.019,0.019,0.020,0.020,0.020
07/28/2023,13:44:07,0.019,0.019,0.020,0.023,0.025
07/28/2023,13:45:07,0.016,0.016,0.016,0.018,0.019
07/28/2023,13:46:07,0.016,0.016,0.017,0.020,0.020
07/28/2023,13:47:07,0.016,0.016,0.017,0.018,0.019
07/28/2023,13:48:07,0.016,0.016,0.017,0.018,0.018
07/28/2023,13:49:07,0.017,0.017,0.018,0.022,0.023
07/28/2023,13:50:07,0.015,0.016,0.016,0.017,0.017
07/28/2023,13:51:07,0.016,0.016,0.017,0.017,0.018
07/28/2023,13:52:07,0.016,0.017,0.017,0.018,0.018
07/28/2023,13:53:07,0.015,0.015,0.015,0.016,0.016
07/28/2023,13:54:07,0.014,0.014,0.015,0.015,0.015

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192705
Test ID:,004
Test Abbreviation:,MANUAL_004
Start Date:,07/31/2023
Start Time:,07:55:17
Duration (dd:hh:mm:ss):,0:04:00:00
Log Interval (mm:ss):,01:00
Number of points:,240
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:,0.009,0.009,0.010,0.011,0.011
,Minimum:,0.005,0.005,0.005,0.005,0.005
,Time of Minimum:,11:05:17,11:05:17,11:08:17,11:11:17,11:12:17
,Date of Minimum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023
,Maximum:,0.045,0.045,0.046,0.047,0.047
,Time of Maximum:,07:58:17,07:58:17,07:58:17,07:58:17,07:58:17
,Date of Maximum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023

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
07/31/2023,07:56:17,0.025,0.025,0.026,0.029,0.038
07/31/2023,07:57:17,0.034,0.034,0.035,0.036,0.037
07/31/2023,07:58:17,0.045,0.045,0.046,0.047,0.047
07/31/2023,07:59:17,0.037,0.038,0.038,0.040,0.040
07/31/2023,08:00:17,0.035,0.035,0.035,0.037,0.037
07/31/2023,08:01:17,0.025,0.026,0.026,0.028,0.028
07/31/2023,08:02:17,0.026,0.027,0.027,0.028,0.028
07/31/2023,08:03:17,0.022,0.022,0.023,0.025,0.026
07/31/2023,08:04:17,0.018,0.019,0.019,0.021,0.021
07/31/2023,08:05:17,0.017,0.017,0.018,0.019,0.019
07/31/2023,08:06:17,0.016,0.016,0.017,0.018,0.018
07/31/2023,08:07:17,0.015,0.015,0.016,0.017,0.017
07/31/2023,08:08:17,0.015,0.015,0.016,0.017,0.017
07/31/2023,08:09:17,0.015,0.015,0.016,0.017,0.017
07/31/2023,08:10:17,0.013,0.013,0.013,0.014,0.014
07/31/2023,08:11:17,0.013,0.013,0.013,0.015,0.015
07/31/2023,08:12:17,0.011,0.012,0.012,0.013,0.014
07/31/2023,08:13:17,0.011,0.012,0.012,0.013,0.014
07/31/2023,08:14:17,0.011,0.011,0.012,0.012,0.012
07/31/2023,08:15:17,0.011,0.011,0.012,0.013,0.013
07/31/2023,08:16:17,0.010,0.010,0.011,0.012,0.012

07/31/2023,08:17:17,0.010,0.011,0.011,0.013,0.013
07/31/2023,08:18:17,0.010,0.010,0.011,0.012,0.012
07/31/2023,08:19:17,0.010,0.010,0.011,0.012,0.013
07/31/2023,08:20:17,0.010,0.010,0.011,0.012,0.012
07/31/2023,08:21:17,0.009,0.010,0.010,0.011,0.011
07/31/2023,08:22:17,0.009,0.009,0.009,0.011,0.011
07/31/2023,08:23:17,0.008,0.009,0.009,0.010,0.010
07/31/2023,08:24:17,0.010,0.010,0.011,0.012,0.013
07/31/2023,08:25:17,0.011,0.011,0.011,0.013,0.013
07/31/2023,08:26:17,0.010,0.011,0.011,0.013,0.014
07/31/2023,08:27:17,0.010,0.010,0.011,0.012,0.012
07/31/2023,08:28:17,0.008,0.009,0.010,0.011,0.011
07/31/2023,08:29:17,0.008,0.009,0.009,0.010,0.010
07/31/2023,08:30:17,0.008,0.009,0.009,0.011,0.011
07/31/2023,08:31:17,0.008,0.008,0.009,0.010,0.010
07/31/2023,08:32:17,0.008,0.008,0.008,0.009,0.010
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TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192301
Test ID:,001
Test Abbreviation:,MANUAL_001
Start Date:,07/28/2023
Start Time:,08:43:08
Duration (dd:hh:mm:ss):,0:01:02:00
Log Interval (mm:ss):,01:00
Number of points:,62
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:,0.015,0.016,0.017,0.018,0.018
,Minimum:,0.013,0.013,0.014,0.015,0.015
,Time of Minimum:,09:21:08,09:23:08,09:21:08,09:43:08,09:43:08
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.018,0.019,0.020,0.021,0.022
,Time of Maximum:,08:45:08,08:45:08,08:45:08,08:45:08,08:45:08
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
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07/28/2023,09:02:08,0.017,0.018,0.019,0.021,0.021
07/28/2023,09:03:08,0.017,0.018,0.019,0.020,0.020
07/28/2023,09:04:08,0.016,0.017,0.018,0.019,0.019

07/28/2023,09:05:08,0.016,0.016,0.017,0.019,0.019
07/28/2023,09:06:08,0.016,0.016,0.017,0.018,0.019
07/28/2023,09:07:08,0.016,0.016,0.017,0.018,0.018
07/28/2023,09:08:08,0.016,0.017,0.017,0.019,0.019
07/28/2023,09:09:08,0.016,0.017,0.017,0.019,0.019
07/28/2023,09:10:08,0.016,0.017,0.017,0.019,0.019
07/28/2023,09:11:08,0.015,0.016,0.017,0.018,0.018
07/28/2023,09:12:08,0.015,0.015,0.016,0.017,0.017
07/28/2023,09:13:08,0.014,0.015,0.016,0.017,0.017
07/28/2023,09:14:08,0.014,0.015,0.015,0.017,0.018
07/28/2023,09:15:08,0.014,0.015,0.016,0.017,0.017
07/28/2023,09:16:08,0.015,0.016,0.016,0.018,0.018
07/28/2023,09:17:08,0.015,0.015,0.016,0.017,0.017
07/28/2023,09:18:08,0.015,0.015,0.016,0.017,0.018
07/28/2023,09:19:08,0.014,0.015,0.016,0.017,0.017
07/28/2023,09:20:08,0.014,0.015,0.015,0.016,0.016
07/28/2023,09:21:08,0.013,0.014,0.014,0.016,0.016
07/28/2023,09:22:08,0.014,0.014,0.015,0.017,0.018
07/28/2023,09:23:08,0.013,0.013,0.014,0.016,0.016
07/28/2023,09:24:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:25:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:26:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:27:08,0.014,0.015,0.015,0.017,0.017
07/28/2023,09:28:08,0.015,0.015,0.016,0.017,0.017
07/28/2023,09:29:08,0.015,0.015,0.016,0.017,0.018
07/28/2023,09:30:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:31:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:32:08,0.014,0.014,0.015,0.016,0.017
07/28/2023,09:33:08,0.013,0.014,0.015,0.016,0.016
07/28/2023,09:34:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:35:08,0.014,0.014,0.015,0.017,0.018
07/28/2023,09:36:08,0.014,0.015,0.015,0.016,0.017
07/28/2023,09:37:08,0.014,0.015,0.015,0.016,0.016
07/28/2023,09:38:08,0.014,0.015,0.016,0.017,0.017
07/28/2023,09:39:08,0.014,0.015,0.015,0.017,0.017
07/28/2023,09:40:08,0.014,0.015,0.015,0.017,0.017
07/28/2023,09:41:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:42:08,0.014,0.014,0.015,0.016,0.016
07/28/2023,09:43:08,0.013,0.013,0.014,0.015,0.015
07/28/2023,09:44:08,0.013,0.013,0.014,0.015,0.015
07/28/2023,09:45:08,0.013,0.013,0.014,0.015,0.016

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192301
Test ID:,002
Test Abbreviation:,MANUAL_002
Start Date:,07/28/2023
Start Time:,10:51:49
Duration (dd:hh:mm:ss):,0:00:51:00

Log Interval (mm:ss):,01:00
Number of points:,51
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:,0.013,0.013,0.014,0.015,0.015
,Minimum:,0.012,0.012,0.013,0.013,0.014
,Time of Minimum:,10:57:49,10:58:49,10:56:49,10:58:49,10:56:49
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.014,0.014,0.015,0.017,0.020
,Time of Maximum:,10:53:49,10:53:49,10:53:49,10:54:49,10:54:49
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,10:52:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,10:53:49,0.014,0.014,0.015,0.016,0.016
07/28/2023,10:54:49,0.013,0.014,0.015,0.017,0.020
07/28/2023,10:55:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,10:56:49,0.013,0.013,0.013,0.014,0.014
07/28/2023,10:57:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,10:58:49,0.012,0.012,0.013,0.013,0.014
07/28/2023,10:59:49,0.012,0.012,0.013,0.014,0.014
07/28/2023,11:00:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:01:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:02:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:03:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:04:49,0.014,0.014,0.014,0.015,0.016
07/28/2023,11:05:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:06:49,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:07:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:08:49,0.013,0.014,0.014,0.015,0.016
07/28/2023,11:09:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:10:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:11:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:12:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:13:49,0.012,0.013,0.013,0.014,0.015
07/28/2023,11:14:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:15:49,0.013,0.013,0.014,0.015,0.016
07/28/2023,11:16:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:17:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:18:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:19:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:20:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:21:49,0.013,0.013,0.014,0.015,0.016
07/28/2023,11:22:49,0.013,0.014,0.014,0.015,0.015

07/28/2023,11:23:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:24:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:25:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:26:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:27:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:28:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:29:49,0.013,0.014,0.014,0.015,0.015
07/28/2023,11:30:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:31:49,0.013,0.013,0.014,0.014,0.015
07/28/2023,11:32:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:33:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:34:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:35:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:36:49,0.013,0.013,0.014,0.014,0.014
07/28/2023,11:37:49,0.013,0.013,0.014,0.015,0.015
07/28/2023,11:38:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:39:49,0.012,0.013,0.013,0.015,0.015
07/28/2023,11:40:49,0.012,0.012,0.013,0.014,0.015
07/28/2023,11:41:49,0.012,0.013,0.013,0.014,0.014
07/28/2023,11:42:49,0.012,0.012,0.013,0.014,0.014

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192301
Test ID:,003
Test Abbreviation:,MANUAL_003
Start Date:,07/28/2023
Start Time:,12:22:03
Duration (dd:hh:mm:ss):,0:01:20:00
Log Interval (mm:ss):,01:00
Number of points:,80
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:,0.011,0.011,0.012,0.012,0.013
,Minimum:,0.010,0.010,0.011,0.011,0.011
,Time of Minimum:,12:42:03,12:43:03,12:30:03,12:43:03,12:43:03
,Date of Minimum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023
,Maximum:,0.014,0.014,0.016,0.019,0.031
,Time of Maximum:,13:21:03,13:21:03,13:21:03,13:21:03,12:23:03
,Date of Maximum:,07/28/2023,07/28/2023,07/28/2023,07/28/2023,07/28/2023

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
07/28/2023,12:23:03,0.013,0.013,0.013,0.016,0.031
07/28/2023,12:24:03,0.012,0.012,0.013,0.013,0.014

07/28/2023,12:25:03,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:26:03,0.012,0.012,0.013,0.013,0.013
07/28/2023,12:27:03,0.012,0.012,0.013,0.015,0.015
07/28/2023,12:28:03,0.012,0.012,0.013,0.014,0.014
07/28/2023,12:29:03,0.011,0.012,0.012,0.014,0.014
07/28/2023,12:30:03,0.011,0.011,0.011,0.012,0.013
07/28/2023,12:31:03,0.011,0.011,0.012,0.013,0.015
07/28/2023,12:32:03,0.011,0.011,0.012,0.013,0.014
07/28/2023,12:33:03,0.012,0.012,0.012,0.013,0.014
07/28/2023,12:34:03,0.011,0.012,0.012,0.013,0.014
07/28/2023,12:35:03,0.011,0.012,0.012,0.013,0.013
07/28/2023,12:36:03,0.012,0.012,0.012,0.013,0.013
07/28/2023,12:37:03,0.012,0.012,0.012,0.013,0.014
07/28/2023,12:38:03,0.011,0.011,0.012,0.013,0.013
07/28/2023,12:39:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:40:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:41:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:42:03,0.010,0.011,0.011,0.012,0.013
07/28/2023,12:43:03,0.010,0.010,0.011,0.011,0.011
07/28/2023,12:44:03,0.010,0.010,0.011,0.011,0.011
07/28/2023,12:45:03,0.010,0.010,0.011,0.011,0.011
07/28/2023,12:46:03,0.010,0.010,0.011,0.012,0.013
07/28/2023,12:47:03,0.010,0.010,0.011,0.012,0.012
07/28/2023,12:48:03,0.010,0.010,0.011,0.011,0.012
07/28/2023,12:49:03,0.010,0.010,0.011,0.011,0.011
07/28/2023,12:50:03,0.010,0.011,0.011,0.012,0.012
07/28/2023,12:51:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:52:03,0.011,0.011,0.011,0.013,0.013
07/28/2023,12:53:03,0.010,0.011,0.011,0.012,0.012
07/28/2023,12:54:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:55:03,0.010,0.011,0.011,0.012,0.012
07/28/2023,12:56:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:57:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,12:58:03,0.011,0.011,0.012,0.012,0.013
07/28/2023,12:59:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:00:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:01:03,0.011,0.011,0.012,0.013,0.013
07/28/2023,13:02:03,0.011,0.011,0.012,0.012,0.012
07/28/2023,13:03:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:04:03,0.011,0.011,0.011,0.012,0.013
07/28/2023,13:05:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:06:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:07:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:08:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:09:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:10:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:11:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:12:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:13:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:14:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:15:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:16:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:17:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:18:03,0.011,0.011,0.012,0.012,0.013
07/28/2023,13:19:03,0.013,0.013,0.014,0.017,0.019
07/28/2023,13:20:03,0.011,0.011,0.011,0.012,0.013
07/28/2023,13:21:03,0.014,0.014,0.016,0.019,0.021
07/28/2023,13:22:03,0.011,0.012,0.012,0.013,0.013
07/28/2023,13:23:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:24:03,0.011,0.011,0.012,0.012,0.014
07/28/2023,13:25:03,0.011,0.011,0.012,0.013,0.013
07/28/2023,13:26:03,0.011,0.011,0.012,0.012,0.015
07/28/2023,13:27:03,0.011,0.011,0.011,0.012,0.013
07/28/2023,13:28:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:29:03,0.011,0.011,0.011,0.011,0.011
07/28/2023,13:30:03,0.011,0.011,0.011,0.011,0.011
07/28/2023,13:31:03,0.011,0.011,0.011,0.012,0.013
07/28/2023,13:32:03,0.011,0.011,0.012,0.013,0.013
07/28/2023,13:33:03,0.011,0.011,0.012,0.012,0.012
07/28/2023,13:34:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:35:03,0.011,0.011,0.012,0.012,0.012
07/28/2023,13:36:03,0.011,0.012,0.012,0.012,0.012
07/28/2023,13:37:03,0.011,0.011,0.012,0.012,0.012
07/28/2023,13:38:03,0.011,0.011,0.012,0.012,0.012
07/28/2023,13:39:03,0.011,0.012,0.012,0.013,0.013
07/28/2023,13:40:03,0.011,0.011,0.011,0.012,0.012
07/28/2023,13:41:03,0.011,0.012,0.012,0.012,0.013
07/28/2023,13:42:03,0.014,0.014,0.015,0.015,0.015

TrakPro Version 4.70 ASCII Data File

Model:,DustTrak DRX
Model Number:,8533
Serial Number:,8533192301
Test ID:,004
Test Abbreviation:,MANUAL_004
Start Date:,07/31/2023
Start Time:,07:49:26
Duration (dd:hh:mm:ss):,0:04:09:00
Log Interval (mm:ss):,01:00
Number of points:,249
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:,0.019,0.021,0.026,0.039,0.042
,Minimum:,0.004,0.004,0.005,0.005,0.005
,Time of Minimum:,11:00:26,11:04:26,10:53:26,10:56:26,10:59:26
,Date of Minimum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023
,Maximum:,2.140,2.470,3.220,5.650,6.140
,Time of Maximum:,08:40:26,08:40:26,08:40:26,08:40:26,08:40:26
,Date of Maximum:,07/31/2023,07/31/2023,07/31/2023,07/31/2023,07/31/2023

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
07/31/2023,07:50:26,0.008,0.008,0.009,0.010,0.012
07/31/2023,07:51:26,0.008,0.008,0.009,0.011,0.012
07/31/2023,07:52:26,0.008,0.008,0.009,0.011,0.012
07/31/2023,07:53:26,0.008,0.008,0.009,0.010,0.011
07/31/2023,07:54:26,0.007,0.008,0.009,0.010,0.010
07/31/2023,07:55:26,0.008,0.009,0.009,0.011,0.011
07/31/2023,07:56:26,0.009,0.009,0.010,0.011,0.011
07/31/2023,07:57:26,0.009,0.009,0.010,0.012,0.012
07/31/2023,07:58:26,0.008,0.009,0.009,0.011,0.011
07/31/2023,07:59:26,0.009,0.009,0.010,0.011,0.012
07/31/2023,08:00:26,0.008,0.008,0.009,0.011,0.011
07/31/2023,08:01:26,0.008,0.009,0.010,0.011,0.011
07/31/2023,08:02:26,0.008,0.009,0.009,0.011,0.011
07/31/2023,08:03:26,0.009,0.009,0.010,0.011,0.011
07/31/2023,08:04:26,0.009,0.009,0.010,0.011,0.011
07/31/2023,08:05:26,0.008,0.009,0.009,0.011,0.011
07/31/2023,08:06:26,0.008,0.009,0.010,0.011,0.011
07/31/2023,08:07:26,0.009,0.009,0.010,0.011,0.012
07/31/2023,08:08:26,0.009,0.009,0.010,0.012,0.018
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APPENDIX C

Investigative Derived Waste Documentation

Technical Report

prepared for:

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

Report Date: 08/10/2023
Client Project ID: 2222335 IV5-Newburgh Warehouse
York Project (SDG) No.: 23H0121

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: **2222335 IV5-Newburgh Warehouse**.

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
23H0121-01	IV5-IDW-WC-01	Ground Water	07/31/2023	08/02/2023
23H0121-02	Field Blank	Water	07/31/2023	08/02/2023

General Notes for York Project (SDG) No.: 23H0121

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: _(signature)_ **Date:** 08/10/2023

Cassie L. Mosher
Laboratory Manager

Client Sample ID: IV5-IDW-WC-01

York Sample ID: 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

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		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/08/2023 12:30	08/09/2023 05:37	SMA
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/08/2023 12:30	08/09/2023 05:37	SMA
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/08/2023 12:30	08/09/2023 05:37	SMA
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	08/08/2023 12:30	08/09/2023 05:37	SMA
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D Certifications: CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/08/2023 12:30	08/09/2023 05:37	SMA

Sample Information

Client Sample ID: IV5-IDW-WC-01		**York Sample ID:** 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

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		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**2.8**	ICVE	ug/L	1.0	2.0	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
107-02-8	Acrolein	ND	CCVE, ICVE	ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: IV5-IDW-WC-01		**York Sample ID:** 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

Sample Prepared by Method: EPA 5030B

Log-in Notes:

Sample Notes:

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		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.34**	J	ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PA		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	08/08/2023 12:30	08/09/2023 05:37	SMA
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

Surrogate Recoveries	**Result**	**Acceptance Range**

Sample Information

Client Sample ID: IV5-IDW-WC-01		**York Sample ID:** 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

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*	*102 %*			*69-130*						
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*			*81-117*						
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*			*79-122*						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

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	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
95-50-1	1,2-Dichlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
541-73-1	1,3-Dichlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
120-83-2	2,4-Dichlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
105-67-9	2,4-Dimethylphenol	ND	CAL-E, CCVE, HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
51-28-5	2,4-Dinitrophenol	ND	CAL-E, HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
121-14-2	2,4-Dinitrotoluene	ND	CAL-E, HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
606-20-2	2,6-Dinitrotoluene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
91-58-7	2-Chloronaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH
95-57-8	2-Chlorophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/08/2023 08:33	08/09/2023 18:31	KH

Client Sample ID: IV5-IDW-WC-01   **York Sample ID:** 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive   Log-in Notes: Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
95-48-7	2-Methylphenol	ND	CCVE, HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
88-74-4	2-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
88-75-5	2-Nitrophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
91-94-1	3,3-Dichlorobenzidine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
99-09-2	3-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
59-50-7	4-Chloro-3-methylphenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
106-47-8	4-Chloroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
100-01-6	4-Nitroaniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
100-02-7	4-Nitrophenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
83-32-9	Acenaphthene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
208-96-8	Acenaphthylene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
98-86-2	Acetophenone	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
62-53-3	Aniline	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
120-12-7	Anthracene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
1912-24-9	Atrazine	ND	HT-PR	ug/L	0.500	0.500	1	EPA 8270D Certifications:	08/08/2023 08:33 NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
100-52-7	Benzaldehyde	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
92-87-5	Benzidine	ND	CCVE, HT-PR	ug/L	10.0	20.0	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
56-55-3	Benzo(a)anthracene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH

Sample Information

Client Sample ID: **IV5-IDW-WC-01**   York Sample ID: **23H0121-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes: Sample Notes: **EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65-85-0	Benzoic acid	ND	HT-PR	ug/L	25.0	50.0	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
100-51-6	Benzyl alcohol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
85-68-7	Benzyl butyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
111-44-4	Bis(2-chloroethyl)ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-PR	ug/L	0.500	0.500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
105-60-2	Caprolactam	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
86-74-8	Carbazole	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
218-01-9	Chrysene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
132-64-9	Dibenzofuran	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
84-66-2	Diethyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
131-11-3	Dimethyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
84-74-2	Di-n-butyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-84-0	Di-n-octyl phthalate	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
122-39-4	* Diphenylamine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications:			
206-44-0	Fluoranthene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D	08/08/2023 08:33	08/09/2023 18:31	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: IV5-IDW-WC-01		**York Sample ID:** 23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND	HT-PR	ug/L	0.0200	0.0200	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
87-68-3	Hexachlorobutadiene	ND	HT-PR	ug/L	0.500	0.500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
77-47-4	Hexachlorocyclopentadiene	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
67-72-1	Hexachloroethane	ND	HT-PR	ug/L	0.500	0.500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
78-59-1	Isophorone	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
91-20-3	Naphthalene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
98-95-3	Nitrobenzene	ND	HT-PR	ug/L	0.250	0.250	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
62-75-9	N-Nitrosodimethylamine	ND	HT-PR	ug/L	0.500	0.500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
86-30-6	N-Nitrosodiphenylamine	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
87-86-5	Pentachlorophenol	ND	CAL-E, HT-PR	ug/L	0.250	0.250	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
85-01-8	Phenanthrene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
108-95-2	Phenol	ND	HT-PR	ug/L	2.50	5.00	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH
129-00-0	Pyrene	ND	HT-PR	ug/L	0.0500	0.0500	1	EPA 8270D Certifications:	08/08/2023 08:33 CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/09/2023 18:31	KH

	Surrogate Recoveries	Result		Acceptance Range		
367-12-4	Surrogate: SURR: 2-Fluorophenol	22.8 %	HT-PR	19.7-63.1		
13127-88-3	Surrogate: SURR: Phenol-d6	11.2 %	HT-PR	10.1-41.7		
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.8 %	HT-PR	50.2-113		
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.2 %	HT-PR	39.9-105		
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	82.7 %	HT-PR	39.3-151		
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.0 %	HT-PR	30.7-106		

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	2.33	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL

Client Sample ID:	**IV5-IDW-WC-01**		**York Sample ID:**	**23H0121-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**2.63**		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**1.68**		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
335-67-1	*** Perfluorooctanoic acid (PFOA)**	**5.16**		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
1763-23-1	*** Perfluorooctanesulfonic acid (PFOS)**	**3.52**		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
2706-90-3	*** Perfluoropentanoic acid (PFPeA)**	**5.45**		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.23	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL
375-22-4	*** Perfluoro-n-butanoic acid (PFBA)**	**3.29**	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:09	WEL

Surrogate Recoveries	**Result**	**Acceptance Range**
Surrogate: M3PFBS	*56.5 %*	*25-150*
Surrogate: M5PFHxA	*53.1 %*	*25-150*
Surrogate: M4PFHpA	*60.7 %*	*25-150*

Sample Information

Client Sample ID: **IV5-IDW-WC-01**

York Sample ID: **23H0121-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

PFAS, NYSDEC Target List

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

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*65.7 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*79.4 %*			*25-150*					
	Surrogate: M6PFDA	*93.5 %*			*25-150*					
	Surrogate: M7PFUdA	*97.4 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*93.2 %*			*25-150*					
	Surrogate: M2PFTeDA	*76.3 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*65.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*78.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.1 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*116 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*124 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*323 %*	*PFSu-H*		*25-200*					
	Surrogate: M2-8:2 FTS	*279 %*	*PFSu-H*		*25-200*					
	Surrogate: M9PFNA	*94.2 %*			*25-150*					

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
319-86-8	delta-BHC	ND	P	ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ

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Page 12 of 42

Sample Information

Client Sample ID: **IV5-IDW-WC-01**		**York Sample ID:** **23H0121-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Pesticides, 8081 target list

Sample Prepared by Method: EPA 3510C

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

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
60-57-1	Dieldrin	ND	P	ug/L	0.00200	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
5566-34-7	gamma-Chlordane	ND	P	ug/L	0.0100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 13:16	BCJ

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.6 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*35.4 %*		*30-150*

Polychlorinated Biphenyls (PCB)

Sample Prepared by Method: EPA 3510C

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

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		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 15:03	BCJ
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 15:03	BCJ
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 15:03	BCJ
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 15:03	BCJ
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP	08/04/2023 13:20	08/07/2023 15:03	BCJ

Client Sample ID: IV5-IDW-WC-01   **York Sample ID:**   23H0121-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Ground Water	July 31, 2023 2:15 pm	08/02/2023

Polychlorinated Biphenyls (PCB)

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	08/04/2023 13:20	08/07/2023 15:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	08/04/2023 13:20	08/07/2023 15:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	08/04/2023 13:20	08/07/2023 15:03	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*		*30-120*

Metals, RCRA

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-38-2	Arsenic	ND		mg/L	0.017	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.028	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.003	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.006	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.006	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND	M-BS	mg/L	0.028	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
7440-22-4	Silver	ND		mg/L	0.006	1	EPA 6010D	08/08/2023 08:49	08/09/2023 21:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/09/2023 08:41	08/09/2023 08:41	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: Field Blank   **York Sample ID:**   23H0121-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Water	July 31, 2023 2:25 pm	08/02/2023

Sample Information

Client Sample ID:	**Field Blank**	**York Sample ID:**	**23H0121-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Water	July 31, 2023 2:25 pm	08/02/2023

PFAS, NYSDEC Target List   **Log-in Notes:**   **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
2355-31-9	* N-MeFOSAA	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.23	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND	PF-CCV-L	ng/L	0.893	1	EPA 537m Certifications:	08/09/2023 09:02	08/09/2023 18:35	WEL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*80.4 %*	*25-150*

Sample Information

Client Sample ID:	**Field Blank**			**York Sample ID:**	**23H0121-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23H0121	2222335 IV5-Newburgh Warehouse	Water	July 31, 2023 2:25 pm	08/02/2023

PFAS, NYSDEC Target List   **Log-in Notes:**   **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M5PFHxA	91.1 %		25-150						
	Surrogate: M4PFHpA	105 %		25-150						
	Surrogate: M3PFHxS	71.9 %		25-150						
	Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	104 %		25-150						
	Surrogate: M6PFDA	105 %		25-150						
	Surrogate: M7PFUdA	115 %		25-150						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	104 %		25-150						
	Surrogate: M2PFTeDA	107 %		10-150						
	Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	88.9 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	84.6 %		25-150						
	Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	89.9 %		25-150						
	Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	75.8 %		10-150						
	Surrogate: d3-N-MeFOSAA	110 %		25-150						
	Surrogate: d5-N-EtFOSAA	135 %		25-150						
	Surrogate: M2-6:2 FTS	164 %		25-200						
	Surrogate: M2-8:2 FTS	152 %		25-200						
	Surrogate: M9PFNA	104 %		25-150						

Analytical Batch Summary

Batch ID: BH30310 | **Preparation Method:** EPA 3510C | **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/04/23
23H0121-01	IV5-IDW-WC-01	08/04/23
BH30310-BLK1	Blank	08/04/23
BH30310-BLK2	Blank	08/04/23
BH30310-BS1	LCS	08/04/23
BH30310-BS2	LCS	08/04/23
BH30310-BSD1	LCS Dup	08/04/23
BH30310-BSD2	LCS Dup	08/04/23

Batch ID: BH30443 | **Preparation Method:** EPA 3510C | **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/08/23
BH30443-BLK1	Blank	08/08/23
BH30443-BS1	LCS	08/08/23
BH30443-BSD1	LCS Dup	08/08/23

Batch ID: BH30473 | **Preparation Method:** EPA 3015A | **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/08/23
BH30473-BLK1	Blank	08/08/23
BH30473-BS1	LCS	08/08/23
BH30473-DUP1	Duplicate	08/08/23
BH30473-MS1	Matrix Spike	08/08/23
BH30473-PS1	Post Spike	08/08/23

Batch ID: BH30526 | **Preparation Method:** EPA 5030B | **Prepared By:** SMA

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/08/23
BH30526-BLK1	Blank	08/08/23
BH30526-BS1	LCS	08/08/23
BH30526-BSD1	LCS Dup	08/08/23

Batch ID: BH30569 | **Preparation Method:** EPA SW846-7470A | **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/09/23
BH30569-BLK1	Blank	08/09/23
BH30569-BLK2	Blank	08/09/23
BH30569-BS1	LCS	08/09/23
BH30569-BS2	LCS	08/09/23

Batch ID: BH30573 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** ER

YORK Sample ID	Client Sample ID	Preparation Date
23H0121-01	IV5-IDW-WC-01	08/09/23
23H0121-02	Field Blank	08/09/23
BH30573-BLK1	Blank	08/09/23
BH30573-BS1	LCS	08/09/23
BH30573-BSD1	LCS Dup	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 BH30526 - EPA 5030B

Blank (BH30526-BLK1)   Prepared & Analyzed: 08/08/2023

Analyte	Result	Reporting Limit	Units
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L
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	40	"
2-Butanone	ND	0.50	"
2-Hexanone	ND	0.50	"
4-Methyl-2-pentanone	ND	0.50	"
Acetone	ND	2.0	"
Acrolein	ND	0.50	"
Acrylonitrile	ND	0.50	"
Benzene	ND	0.50	"
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	"

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30526 - EPA 5030B											
Blank (BH30526-BLK1)								Prepared & Analyzed: 08/08/2023			
Methylene chloride	ND	2.0	ug/L								
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	1.0	"								
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	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BH30526-BS1)								Prepared & Analyzed: 08/08/2023			
1,1,1-Tetrachloroethane	9.7		ug/L	10.0		97.2	82-126				
1,1,1-Trichloroethane	9.9		"	10.0		99.3	78-136				
1,1,2,2-Tetrachloroethane	11		"	10.0		111	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.6		"	10.0		96.0	54-165				
1,1,2-Trichloroethane	9.7		"	10.0		97.4	82-123				
1,1-Dichloroethane	9.2		"	10.0		91.5	82-129				
1,1-Dichloroethylene	9.0		"	10.0		90.3	68-138				
1,2,3-Trichlorobenzene	9.6		"	10.0		96.0	40-130				
1,2,3-Trichloropropane	10		"	10.0		102	77-128				
1,2,4-Trichlorobenzene	9.6		"	10.0		95.6	65-137				
1,2,4-Trimethylbenzene	9.7		"	10.0		96.7	82-132				
1,2-Dibromo-3-chloropropane	10		"	10.0		100	45-147				
1,2-Dibromoethane	10		"	10.0		100	83-124				
1,2-Dichlorobenzene	9.7		"	10.0		97.4	79-123				
1,2-Dichloroethane	9.8		"	10.0		98.0	73-132				
1,2-Dichloropropane	9.7		"	10.0		97.1	78-126				
1,3,5-Trimethylbenzene	9.5		"	10.0		94.8	80-131				
1,3-Dichlorobenzene	9.6		"	10.0		96.0	86-130				
1,4-Dichlorobenzene	9.5		"	10.0		95.1	85-130				
1,4-Dioxane	510		"	210		245	10-349				
2-Butanone	9.7		"	10.0		96.7	49-152				
2-Hexanone	9.0		"	10.0		90.4	51-146				
4-Methyl-2-pentanone	9.7		"	10.0		97.3	57-145				
Acetone	6.7		"	10.0		67.1	14-150				
Acrolein	6.5		"	25.0		26.1	10-153				
Acrylonitrile	9.8		"	10.0		98.4	51-150				

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 BH30526 - EPA 5030B

LCS (BH30526-BS1) — Prepared & Analyzed: 08/08/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag
Benzene	9.8		ug/L	10.0		97.9	85-126	
Bromochloromethane	9.7		"	10.0		97.3	77-128	
Bromodichloromethane	9.6		"	10.0		95.5	79-128	
Bromoform	9.9		"	10.0		98.8	78-133	
Bromomethane	6.6		"	10.0		66.3	43-168	
Carbon disulfide	8.7		"	10.0		87.3	68-146	
Carbon tetrachloride	9.9		"	10.0		98.6	77-141	
Chlorobenzene	10		"	10.0		102	88-120	
Chloroethane	8.9		"	10.0		89.2	65-136	
Chloroform	9.6		"	10.0		96.2	82-128	
Chloromethane	7.9		"	10.0		79.4	43-155	
cis-1,2-Dichloroethylene	9.4		"	10.0		93.8	83-129	
cis-1,3-Dichloropropylene	9.3		"	10.0		93.3	80-131	
Cyclohexane	9.6		"	10.0		96.2	63-149	
Dibromochloromethane	9.8		"	10.0		97.8	80-130	
Dibromomethane	9.7		"	10.0		97.1	72-134	
Dichlorodifluoromethane	6.4		"	10.0		64.3	44-144	
Ethyl Benzene	9.8		"	10.0		98.4	80-131	
Hexachlorobutadiene	9.5		"	10.0		94.9	67-146	
Isopropylbenzene	9.9		"	10.0		99.2	76-140	
Methyl acetate	8.4		"	10.0		84.2	51-139	
Methyl tert-butyl ether (MTBE)	9.6		"	10.0		95.6	76-135	
Methylcyclohexane	9.6		"	10.0		95.6	72-143	
Methylene chloride	8.2		"	10.0		82.0	55-137	
n-Butylbenzene	8.6		"	10.0		86.5	79-132	
n-Propylbenzene	9.8		"	10.0		97.9	78-133	
o-Xylene	9.8		"	10.0		98.2	78-130	
p- & m- Xylenes	20		"	20.0		100	77-133	
p-Isopropyltoluene	9.7		"	10.0		96.8	81-136	
sec-Butylbenzene	9.8		"	10.0		98.2	79-137	
Styrene	10		"	10.0		99.8	67-132	
tert-Butyl alcohol (TBA)	49		"	50.0		97.9	25-162	
tert-Butylbenzene	9.8		"	10.0		97.7	77-138	
Tetrachloroethylene	5.2		"	10.0		52.2	82-131	Low Bias
Toluene	9.7		"	10.0		97.2	80-127	
trans-1,2-Dichloroethylene	9.3		"	10.0		93.1	80-132	
trans-1,3-Dichloropropylene	9.4		"	10.0		93.8	78-131	
trans-1,4-dichloro-2-butene	9.4		"	10.0		94.1	63-141	
Trichloroethylene	8.9		"	10.0		88.7	82-128	
Trichlorofluoromethane	9.5		"	10.0		95.4	67-139	
Vinyl Chloride	8.6		"	10.0		85.6	58-145	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*	
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*	
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30526 - EPA 5030B											
LCS Dup (BH30526-BSD1)								Prepared & Analyzed: 08/08/2023			
1,1,1,2-Tetrachloroethane	9.6		ug/L	10.0		95.6	82-126		1.66	30	
1,1,1-Trichloroethane	9.5		"	10.0		95.0	78-136		4.43	30	
1,1,2,2-Tetrachloroethane	11		"	10.0		110	76-129		0.361	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.3		"	10.0		92.9	54-165		3.28	30	
1,1,2-Trichloroethane	9.6		"	10.0		96.2	82-123		1.24	30	
1,1-Dichloroethane	8.8		"	10.0		87.9	82-129		4.01	30	
1,1-Dichloroethylene	8.6		"	10.0		85.5	68-138		5.46	30	
1,2,3-Trichlorobenzene	9.4		"	10.0		94.3	40-130		1.79	30	
1,2,3-Trichloropropane	10		"	10.0		101	77-128		1.57	30	
1,2,4-Trichlorobenzene	9.3		"	10.0		93.0	65-137		2.76	30	
1,2,4-Trimethylbenzene	9.3		"	10.0		93.0	82-132		3.90	30	
1,2-Dibromo-3-chloropropane	9.9		"	10.0		99.3	45-147		0.802	30	
1,2-Dibromoethane	9.9		"	10.0		99.1	83-124		1.30	30	
1,2-Dichlorobenzene	9.5		"	10.0		94.8	79-123		2.71	30	
1,2-Dichloroethane	9.6		"	10.0		96.1	73-132		1.96	30	
1,2-Dichloropropane	9.5		"	10.0		94.7	78-126		2.50	30	
1,3,5-Trimethylbenzene	9.1		"	10.0		91.1	80-131		3.98	30	
1,3-Dichlorobenzene	9.3		"	10.0		92.8	86-130		3.39	30	
1,4-Dichlorobenzene	9.2		"	10.0		92.3	85-130		2.99	30	
1,4-Dioxane	510		"	210		243	10-349		0.674	30	
2-Butanone	9.3		"	10.0		93.3	49-152		3.58	30	
2-Hexanone	9.1		"	10.0		91.3	51-146		0.991	30	
4-Methyl-2-pentanone	9.7		"	10.0		97.2	57-145		0.103	30	
Acetone	6.8		"	10.0		68.1	14-150		1.48	30	
Acrolein	6.4		"	25.0		25.5	10-153		2.17	30	
Acrylonitrile	9.7		"	10.0		97.1	51-150		1.33	30	
Benzene	9.4		"	10.0		93.6	85-126		4.49	30	
Bromochloromethane	9.5		"	10.0		95.1	77-128		2.29	30	
Bromodichloromethane	9.3		"	10.0		93.4	79-128		2.22	30	
Bromoform	9.7		"	10.0		97.0	78-133		1.84	30	
Bromomethane	6.7		"	10.0		67.2	43-168		1.35	30	
Carbon disulfide	8.2		"	10.0		82.5	68-146		5.65	30	
Carbon tetrachloride	9.4		"	10.0		94.1	77-141		4.67	30	
Chlorobenzene	9.9		"	10.0		99.0	88-120		3.18	30	
Chloroethane	8.5		"	10.0		85.0	65-136		4.82	30	
Chloroform	9.3		"	10.0		92.8	82-128		3.60	30	
Chloromethane	7.5		"	10.0		75.3	43-155		5.30	30	
cis-1,2-Dichloroethylene	9.0		"	10.0		90.3	83-129		3.80	30	
cis-1,3-Dichloropropylene	9.2		"	10.0		91.8	80-131		1.62	30	
Cyclohexane	9.1		"	10.0		90.9	63-149		5.67	30	
Dibromochloromethane	9.6		"	10.0		96.5	80-130		1.34	30	
Dibromomethane	9.6		"	10.0		95.8	72-134		1.35	30	
Dichlorodifluoromethane	6.0		"	10.0		60.4	44-144		6.26	30	
Ethyl Benzene	9.5		"	10.0		94.9	80-131		3.62	30	
Hexachlorobutadiene	9.1		"	10.0		91.4	67-146		3.76	30	
Isopropylbenzene	9.5		"	10.0		94.7	76-140		4.64	30	
Methyl acetate	8.3		"	10.0		82.8	51-139		1.68	30	
Methyl tert-butyl ether (MTBE)	9.4		"	10.0		94.1	76-135		1.58	30	
Methylcyclohexane	9.0		"	10.0		90.2	72-143		5.81	30	
Methylene chloride	8.0		"	10.0		80.0	55-137		2.47	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 BH30526 - EPA 5030B

LCS Dup (BH30526-BSD1) Prepared & Analyzed: 08/08/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
n-Butylbenzene	8.1		ug/L	10.0		81.2	79-132		6.32	30	
n-Propylbenzene	9.3		"	10.0		93.4	78-133		4.70	30	
o-Xylene	9.5		"	10.0		95.2	78-130		3.10	30	
p- & m- Xylenes	19		"	20.0		97.0	77-133		3.60	30	
p-Isopropyltoluene	9.2		"	10.0		91.9	81-136		5.19	30	
sec-Butylbenzene	9.3		"	10.0		93.0	79-137		5.44	30	
Styrene	9.7		"	10.0		97.1	67-132		2.74	30	
tert-Butyl alcohol (TBA)	48		"	50.0		95.6	25-162		2.32	30	
tert-Butylbenzene	9.3		"	10.0		93.3	77-138		4.61	30	
Tetrachloroethylene	5.0		"	10.0		49.9	82-131	Low Bias	4.51	30	
Toluene	9.4		"	10.0		93.9	80-127		3.45	30	
trans-1,2-Dichloroethylene	8.9		"	10.0		89.1	80-132		4.39	30	
trans-1,3-Dichloropropylene	9.2		"	10.0		92.3	78-131		1.61	30	
trans-1,4-dichloro-2-butene	9.1		"	10.0		91.4	63-141		2.91	30	
Trichloroethylene	8.6		"	10.0		85.9	82-128		3.21	30	
Trichlorofluoromethane	9.0		"	10.0		90.3	67-139		5.49	30	
Vinyl Chloride	8.0		"	10.0		80.4	58-145		6.27	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.93*		*"*	*10.0*		*99.3*	*79-122*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30443 - EPA 3510C

Blank (BH30443-BLK1) Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units
1,1-Biphenyl	ND	5.00	ug/L
1,2,4,5-Tetrachlorobenzene	ND	5.00	"
1,2,4-Trichlorobenzene	ND	5.00	"
1,2-Dichlorobenzene	ND	5.00	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"
1,3-Dichlorobenzene	ND	5.00	"
1,4-Dichlorobenzene	ND	5.00	"
2,3,4,6-Tetrachlorophenol	ND	5.00	"
2,4,5-Trichlorophenol	ND	5.00	"
2,4,6-Trichlorophenol	ND	5.00	"
2,4-Dichlorophenol	ND	5.00	"
2,4-Dimethylphenol	ND	5.00	"
2,4-Dinitrophenol	ND	5.00	"
2,4-Dinitrotoluene	ND	5.00	"
2,6-Dinitrotoluene	ND	5.00	"
2-Chloronaphthalene	ND	5.00	"
2-Chlorophenol	ND	5.00	"
2-Methylnaphthalene	ND	5.00	"
2-Methylphenol	ND	5.00	"
2-Nitroaniline	ND	5.00	"
2-Nitrophenol	ND	5.00	"
3- & 4-Methylphenols	ND	5.00	"
3,3-Dichlorobenzidine	ND	5.00	"
3-Nitroaniline	ND	5.00	"
4,6-Dinitro-2-methylphenol	ND	5.00	"
4-Bromophenyl phenyl ether	ND	5.00	"
4-Chloro-3-methylphenol	ND	5.00	"
4-Chloroaniline	ND	5.00	"
4-Chlorophenyl phenyl ether	ND	5.00	"
4-Nitroaniline	ND	5.00	"
4-Nitrophenol	ND	5.00	"
Acenaphthene	ND	0.0500	"
Acenaphthylene	ND	0.0500	"
Acetophenone	ND	5.00	"
Aniline	ND	5.00	"
Anthracene	ND	0.0500	"
Atrazine	ND	0.500	"
Benzaldehyde	ND	5.00	"
Benzidine	ND	20.0	"
Benzo(a)anthracene	ND	0.0500	"
Benzo(a)pyrene	ND	0.0500	"
Benzo(b)fluoranthene	ND	0.0500	"
Benzo(g,h,i)perylene	ND	0.0500	"
Benzo(k)fluoranthene	ND	0.0500	"
Benzoic acid	ND	50.0	"
Benzyl alcohol	ND	5.00	"
Benzyl butyl phthalate	ND	5.00	"
Bis(2-chloroethoxy)methane	ND	5.00	"
Bis(2-chloroethyl)ether	ND	5.00	"
Bis(2-chloroisopropyl)ether	ND	5.00	"
Bis(2-ethylhexyl)phthalate	0.920	0.500	"

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30443 - EPA 3510C

Blank (BH30443-BLK1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units
Caprolactam	ND	5.00	ug/L
Carbazole	ND	5.00	"
Chrysene	ND	0.0500	"
Dibenzo(a,h)anthracene	ND	0.0500	"
Dibenzofuran	ND	5.00	"
Diethyl phthalate	ND	5.00	"
Dimethyl phthalate	ND	5.00	"
Di-n-butyl phthalate	ND	5.00	"
Di-n-octyl phthalate	ND	5.00	"
Diphenylamine	ND	5.00	"
Fluoranthene	ND	0.0500	"
Fluorene	ND	0.0500	"
Hexachlorobenzene	ND	0.0200	"
Hexachlorobutadiene	ND	0.500	"
Hexachlorocyclopentadiene	ND	5.00	"
Hexachloroethane	ND	0.500	"
Indeno(1,2,3-cd)pyrene	ND	0.0500	"
Isophorone	ND	5.00	"
Naphthalene	ND	0.0500	"
Nitrobenzene	ND	0.250	"
N-Nitrosodimethylamine	ND	0.500	"
N-nitroso-di-n-propylamine	ND	5.00	"
N-Nitrosodiphenylamine	ND	5.00	"
Pentachlorophenol	ND	0.250	"
Phenanthrene	ND	0.0500	"
Phenol	ND	5.00	"
Pyrene	ND	0.0500	"

Analyte	Result	Units	Spike Level	%REC	%REC Limits
Surrogate: SURR: 2-Fluorophenol	13.9	"	50.0	27.7	19.7-63.1
Surrogate: SURR: Phenol-d6	6.73	"	50.0	13.5	10.1-41.7
Surrogate: SURR: Nitrobenzene-d5	19.0	"	25.0	75.9	50.2-113
Surrogate: SURR: 2-Fluorobiphenyl	15.4	"	25.0	61.7	39.9-105
Surrogate: SURR: 2,4,6-Tribromophenol	37.2	"	50.0	74.5	39.3-151
Surrogate: SURR: Terphenyl-d14	22.7	"	25.0	90.8	30.7-106

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 BH30443 - EPA 3510C

LCS (BH30443-BS1) Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	%REC	%REC Limits	Flag
1,1-Biphenyl	9.91	5.00	ug/L	25.0	39.6	21-102	
1,2,4,5-Tetrachlorobenzene	11.6	5.00	"	25.0	46.4	28-105	
1,2,4-Trichlorobenzene	8.81	5.00	"	25.0	35.2	35-91	
1,2-Dichlorobenzene	7.15	5.00	"	25.0	28.6	42-85	Low Bias
1,2-Diphenylhydrazine (as Azobenzene)	7.60	5.00	"	25.0	30.4	16-137	
1,3-Dichlorobenzene	7.07	5.00	"	25.0	28.3	45-80	Low Bias
1,4-Dichlorobenzene	6.96	5.00	"	25.0	27.8	42-82	Low Bias
2,3,4,6-Tetrachlorophenol	12.6	5.00	"	25.0	50.4	30-130	
2,4,5-Trichlorophenol	10.8	5.00	"	25.0	43.3	36-112	
2,4,6-Trichlorophenol	11.0	5.00	"	25.0	44.2	41-107	
2,4-Dichlorophenol	9.49	5.00	"	25.0	38.0	43-92	Low Bias
2,4-Dimethylphenol	7.54	5.00	"	25.0	30.2	25-92	
2,4-Dinitrophenol	17.9	5.00	"	25.0	71.5	10-149	
2,4-Dinitrotoluene	14.3	5.00	"	25.0	57.0	41-114	
2,6-Dinitrotoluene	13.0	5.00	"	25.0	51.8	49-106	
2-Chloronaphthalene	8.68	5.00	"	25.0	34.7	40-96	Low Bias
2-Chlorophenol	7.19	5.00	"	25.0	28.8	35-84	Low Bias
2-Methylnaphthalene	8.58	5.00	"	25.0	34.3	33-101	
2-Methylphenol	5.62	5.00	"	25.0	22.5	10-90	
2-Nitroaniline	11.6	5.00	"	25.0	46.3	31-122	
2-Nitrophenol	12.1	5.00	"	25.0	48.6	37-97	
3- & 4-Methylphenols	4.34	5.00	"	25.0	17.4	10-101	
3,3-Dichlorobenzidine	7.20	5.00	"	25.0	28.8	25-155	
3-Nitroaniline	8.07	5.00	"	25.0	32.3	29-128	
4,6-Dinitro-2-methylphenol	16.6	5.00	"	25.0	66.5	10-135	
4-Bromophenyl phenyl ether	9.27	5.00	"	25.0	37.1	38-116	Low Bias
4-Chloro-3-methylphenol	9.62	5.00	"	25.0	38.5	28-101	
4-Chloroaniline	4.46	5.00	"	25.0	17.8	10-154	
4-Chlorophenyl phenyl ether	10.2	5.00	"	25.0	40.8	34-112	
4-Nitroaniline	9.21	5.00	"	25.0	36.8	15-143	
4-Nitrophenol	3.88	5.00	"	25.0	15.5	10-112	
Acenaphthene	9.17	0.0500	"	25.0	36.7	24-114	
Acenaphthylene	8.76	0.0500	"	25.0	35.0	26-112	
Acetophenone	8.57	5.00	"	25.0	34.3	47-92	Low Bias
Aniline	ND	5.00	"	25.0		10-107	Low Bias
Anthracene	10.6	0.0500	"	25.0	42.3	35-114	
Atrazine	10.6	0.500	"	25.0	42.3	43-101	Low Bias
Benzaldehyde	8.41	5.00	"	25.0	33.6	17-117	
Benzo(a)anthracene	11.3	0.0500	"	25.0	45.4	38-127	
Benzo(a)pyrene	9.80	0.0500	"	25.0	39.2	30-146	
Benzo(b)fluoranthene	10.4	0.0500	"	25.0	41.4	36-145	
Benzo(g,h,i)perylene	10.4	0.0500	"	25.0	41.8	10-163	
Benzo(k)fluoranthene	9.93	0.0500	"	25.0	39.7	16-149	
Benzoic acid	ND	50.0	"	25.0		30-130	Low Bias
Benzyl alcohol	4.54	5.00	"	25.0	18.2	18-75	
Benzyl butyl phthalate	14.1	5.00	"	25.0	56.4	28-129	
Bis(2-chloroethoxy)methane	8.05	5.00	"	25.0	32.2	27-112	
Bis(2-chloroethyl)ether	7.31	5.00	"	25.0	29.2	24-114	
Bis(2-chloroisopropyl)ether	6.06	5.00	"	25.0	24.2	21-124	
Bis(2-ethylhexyl)phthalate	12.7	0.500	"	25.0	51.0	10-171	
Caprolactam	ND	5.00	"	25.0		10-29	Low Bias

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 BH30443 - EPA 3510C

LCS (BH30443-BS1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Carbazole	11.5	5.00	ug/L	25.0		46.0	49-116	Low Bias			
Chrysene	10.6	0.0500	"	25.0		42.4	33-120				
Dibenzo(a,h)anthracene	11.2	0.0500	"	25.0		44.8	10-149				
Dibenzofuran	9.40	5.00	"	25.0		37.6	42-105	Low Bias			
Diethyl phthalate	11.0	5.00	"	25.0		44.1	38-112				
Dimethyl phthalate	10.6	5.00	"	25.0		42.5	49-106	Low Bias			
Di-n-butyl phthalate	12.7	5.00	"	25.0		50.9	36-110				
Di-n-octyl phthalate	14.1	5.00	"	25.0		56.3	12-149				
Diphenylamine	9.56	5.00	"	25.0		38.2	40-140	Low Bias			
Fluoranthene	11.2	0.0500	"	25.0		44.8	33-126				
Fluorene	9.78	0.0500	"	25.0		39.1	28-117				
Hexachlorobenzene	9.62	0.0200	"	25.0		38.5	27-120				
Hexachlorobutadiene	8.66	0.500	"	25.0		34.6	25-106				
Hexachlorocyclopentadiene	ND	5.00	"	25.0			10-99	Low Bias			
Hexachloroethane	6.96	0.500	"	25.0		27.8	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	11.1	0.0500	"	25.0		44.5	10-150				
Isophorone	9.08	5.00	"	25.0		36.3	29-115				
Naphthalene	8.49	0.0500	"	25.0		34.0	30-99				
Nitrobenzene	10.1	0.250	"	25.0		40.4	32-113				
N-Nitrosodimethylamine	3.23	0.500	"	25.0		12.9	10-63				
N-nitroso-di-n-propylamine	7.72	5.00	"	25.0		30.9	36-118	Low Bias			
N-Nitrosodiphenylamine	9.19	5.00	"	25.0		36.8	27-145				
Pentachlorophenol	8.01	0.250	"	25.0		32.0	19-127				
Phenanthrene	10.3	0.0500	"	25.0		41.1	31-112				
Phenol	ND	5.00	"	25.0			10-37	Low Bias			
Pyrene	11.7	0.0500	"	25.0		46.9	42-125				
Surrogate: SURR: 2-Fluorophenol	*10.6*		*"*	*50.0*		*21.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.65*		*"*	*50.0*		*11.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.8*		*"*	*25.0*		*59.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.1*		*"*	*25.0*		*48.3*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*27.8*		*"*	*50.0*		*55.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*15.0*		*"*	*25.0*		*60.0*	*30.7-106*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30443 - EPA 3510C

LCS Dup (BH30443-BSD1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	10.1	5.00	ug/L	25.0		40.5	21-102		2.20	20	
1,2,4,5-Tetrachlorobenzene	15.0	5.00	"	25.0		60.0	28-105		25.7	20	Non-dir.
1,2,4-Trichlorobenzene	10.8	5.00	"	25.0		43.3	35-91		20.6	20	Non-dir.
1,2-Dichlorobenzene	9.03	5.00	"	25.0		36.1	42-85	Low Bias	23.2	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	10.2	5.00	"	25.0		40.7	16-137		28.9	20	Non-dir.
1,3-Dichlorobenzene	8.56	5.00	"	25.0		34.2	45-80	Low Bias	19.1	20	
1,4-Dichlorobenzene	9.00	5.00	"	25.0		36.0	42-82	Low Bias	25.6	20	Non-dir.
2,3,4,6-Tetrachlorophenol	16.5	5.00	"	25.0		65.9	30-130		26.7	20	Non-dir.
2,4,5-Trichlorophenol	14.9	5.00	"	25.0		59.7	36-112		31.8	20	Non-dir.
2,4,6-Trichlorophenol	15.2	5.00	"	25.0		60.9	41-107		31.8	20	Non-dir.
2,4-Dichlorophenol	12.0	5.00	"	25.0		48.2	43-92		23.8	20	Non-dir.
2,4-Dimethylphenol	9.53	5.00	"	25.0		38.1	25-92		23.3	20	Non-dir.
2,4-Dinitrophenol	29.0	5.00	"	25.0		116	10-149		47.5	20	Non-dir.
2,4-Dinitrotoluene	20.0	5.00	"	25.0		80.2	41-114		33.7	20	Non-dir.
2,6-Dinitrotoluene	18.8	5.00	"	25.0		75.2	49-106		36.8	20	Non-dir.
2-Chloronaphthalene	11.4	5.00	"	25.0		45.8	40-96		27.5	20	Non-dir.
2-Chlorophenol	9.44	5.00	"	25.0		37.8	35-84		27.1	20	Non-dir.
2-Methylnaphthalene	10.6	5.00	"	25.0		42.5	33-101		21.3	20	Non-dir.
2-Methylphenol	7.63	5.00	"	25.0		30.5	10-90		30.3	20	Non-dir.
2-Nitroaniline	16.9	5.00	"	25.0		67.6	31-122		37.3	20	Non-dir.
2-Nitrophenol	14.5	5.00	"	25.0		58.1	37-97		17.9	20	
3- & 4-Methylphenols	5.71	5.00	"	25.0		22.8	10-101		27.3	20	Non-dir.
3,3-Dichlorobenzidine	10.7	5.00	"	25.0		42.8	25-155		39.0	20	Non-dir.
3-Nitroaniline	11.8	5.00	"	25.0		47.0	29-128		37.2	20	Non-dir.
4,6-Dinitro-2-methylphenol	23.6	5.00	"	25.0		94.2	10-135		34.5	20	Non-dir.
4-Bromophenyl phenyl ether	13.3	5.00	"	25.0		53.1	38-116		35.5	20	Non-dir.
4-Chloro-3-methylphenol	12.9	5.00	"	25.0		51.8	28-101		29.4	20	Non-dir.
4-Chloroaniline	6.03	5.00	"	25.0		24.1	10-154		29.9	20	Non-dir.
4-Chlorophenyl phenyl ether	14.2	5.00	"	25.0		56.7	34-112		32.6	20	Non-dir.
4-Nitroaniline	13.8	5.00	"	25.0		55.4	15-143		40.2	20	Non-dir.
4-Nitrophenol	6.53	5.00	"	25.0		26.1	10-112		50.9	20	Non-dir.
Acenaphthene	12.3	0.0500	"	25.0		49.0	24-114		28.8	20	Non-dir.
Acenaphthylene	11.5	0.0500	"	25.0		45.8	26-112		26.7	20	Non-dir.
Acetophenone	7.96	5.00	"	25.0		31.8	47-92	Low Bias	7.38	20	
Aniline	ND	5.00	"	25.0			10-107	Low Bias		20	
Anthracene	14.8	0.0500	"	25.0		59.2	35-114		33.3	20	Non-dir.
Atrazine	11.2	0.500	"	25.0		44.7	43-101		5.61	20	
Benzaldehyde	8.30	5.00	"	25.0		33.2	17-117		1.32	20	
Benzo(a)anthracene	16.1	0.0500	"	25.0		64.4	38-127		34.6	20	Non-dir.
Benzo(a)pyrene	14.6	0.0500	"	25.0		58.3	30-146		39.1	20	Non-dir.
Benzo(b)fluoranthene	15.2	0.0500	"	25.0		60.8	36-145		37.9	20	Non-dir.
Benzo(g,h,i)perylene	14.9	0.0500	"	25.0		59.8	10-163		35.4	20	Non-dir.
Benzo(k)fluoranthene	14.3	0.0500	"	25.0		57.3	16-149		36.2	20	Non-dir.
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias		20	
Benzyl alcohol	6.15	5.00	"	25.0		24.6	18-75		30.1	20	Non-dir.
Benzyl butyl phthalate	19.9	5.00	"	25.0		79.4	28-129		33.9	20	Non-dir.
Bis(2-chloroethoxy)methane	10.1	5.00	"	25.0		40.4	27-112		22.6	20	Non-dir.
Bis(2-chloroethyl)ether	9.66	5.00	"	25.0		38.6	24-114		27.7	20	Non-dir.
Bis(2-chloroisopropyl)ether	7.32	5.00	"	25.0		29.3	21-124		18.8	20	
Bis(2-ethylhexyl)phthalate	18.2	0.500	"	25.0		73.0	10-171		35.5	20	Non-dir.
Caprolactam	ND	5.00	"	25.0			10-29	Low Bias		20	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30443 - EPA 3510C

LCS Dup (BH30443-BSD1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Carbazole	16.2	5.00	ug/L	25.0		64.6	49-116		33.6	20	Non-dir.
Chrysene	14.8	0.0500	"	25.0		59.4	33-120		33.3	20	Non-dir.
Dibenzo(a,h)anthracene	15.9	0.0500	"	25.0		63.4	10-149		34.4	20	Non-dir.
Dibenzofuran	13.2	5.00	"	25.0		52.9	42-105		33.8	20	Non-dir.
Diethyl phthalate	15.8	5.00	"	25.0		63.0	38-112		35.4	20	Non-dir.
Dimethyl phthalate	15.4	5.00	"	25.0		61.4	49-106		36.3	20	Non-dir.
Di-n-butyl phthalate	18.5	5.00	"	25.0		74.1	36-110		37.2	20	Non-dir.
Di-n-octyl phthalate	20.6	5.00	"	25.0		82.6	12-149		37.8	20	Non-dir.
Diphenylamine	14.0	5.00	"	25.0		56.0	40-140		37.6	20	Non-dir.
Fluoranthene	16.2	0.0500	"	25.0		64.6	33-126		36.3	20	Non-dir.
Fluorene	13.4	0.0500	"	25.0		53.6	28-117		31.2	20	Non-dir.
Hexachlorobenzene	13.4	0.0200	"	25.0		53.8	27-120		33.2	20	Non-dir.
Hexachlorobutadiene	11.8	0.500	"	25.0		47.0	25-106		30.4	20	Non-dir.
Hexachlorocyclopentadiene	ND	5.00	"	25.0			10-99	Low Bias		20	
Hexachloroethane	8.61	0.500	"	25.0		34.4	33-84		21.2	20	Non-dir.
Indeno(1,2,3-cd)pyrene	16.5	0.0500	"	25.0		65.8	10-150		38.6	20	Non-dir.
Isophorone	11.6	5.00	"	25.0		46.2	29-115		23.9	20	Non-dir.
Naphthalene	10.2	0.0500	"	25.0		40.9	30-99		18.6	20	
Nitrobenzene	12.4	0.250	"	25.0		49.5	32-113		20.2	20	Non-dir.
N-Nitrosodimethylamine	3.93	0.500	"	25.0		15.7	10-63		19.6	20	
N-nitroso-di-n-propylamine	9.57	5.00	"	25.0		38.3	36-118		21.4	20	Non-dir.
N-Nitrosodiphenylamine	13.5	5.00	"	25.0		53.9	27-145		37.8	20	Non-dir.
Pentachlorophenol	11.5	0.250	"	25.0		46.2	19-127		36.1	20	Non-dir.
Phenanthrene	14.6	0.0500	"	25.0		58.6	31-112		35.2	20	Non-dir.
Phenol	2.75	5.00	"	25.0		11.0	10-37		28.2	20	Non-dir.
Pyrene	15.8	0.0500	"	25.0		63.4	42-125		29.9	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*12.2*		*"*	*50.0*		*24.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*0.530*		*"*	*50.0*		*1.06*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.9*		*"*	*25.0*		*63.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*14.2*		*"*	*25.0*		*57.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.9*		*"*	*50.0*		*71.9*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.9*		*"*	*25.0*		*75.6*	*30.7-106*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30573 - SPE Ext-PFAS-EPA 537.1M

Blank (BH30573-BLK1) — Prepared & Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	54.5		"	74.3		73.3	25-150				
Surrogate: M5PFHxA	63.4		"	80.0		79.2	25-150				
Surrogate: M4PFHpA	76.1		"	80.0		95.1	25-150				
Surrogate: M3PFHxS	41.9		"	75.7		55.4	25-150				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	66.7		"	80.0		83.3	25-150				
Surrogate: M6PFDA	76.1		"	80.0		95.2	25-150				
Surrogate: M7PFUdA	79.8		"	80.0		99.7	25-150				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	74.2		"	80.0		92.8	25-150				
Surrogate: M2PFTeDA	78.5		"	80.0		98.2	10-150				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	58.3		"	80.0		72.9	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	55.4		"	76.6		72.3	25-150				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	65.1		"	80.0		81.4	25-150				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	61.0		"	80.0		76.3	10-150				
Surrogate: d3-N-MeFOSAA	74.0		"	80.0		92.5	25-150				
Surrogate: d5-N-EtFOSAA	84.7		"	80.0		106	25-150				
Surrogate: M2-6:2 FTS	75.1		"	75.9		99.0	25-200				
Surrogate: M2-8:2 FTS	89.2		"	76.6		116	25-200				
Surrogate: M9PFNA	72.4		"	80.0		90.5	25-150				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30573 - SPE Ext-PFAS-EPA 537.1M

LCS (BH30573-BS1) Prepared & Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	72.8	2.00	ng/L	70.8		103	50-130				
Perfluorohexanoic acid (PFHxA)	83.9	2.00	"	80.0		105	50-130				
Perfluoroheptanoic acid (PFHpA)	72.3	2.00	"	80.0		90.4	50-130				
Perfluorohexanesulfonic acid (PFHxS)	86.8	2.00	"	72.8		119	50-130				
Perfluorooctanoic acid (PFOA)	81.0	2.00	"	80.0		101	50-130				
Perfluorooctanesulfonic acid (PFOS)	69.1	2.00	"	74.0		93.4	50-130				
Perfluorononanoic acid (PFNA)	81.3	2.00	"	80.0		102	50-130				
Perfluorodecanoic acid (PFDA)	84.6	2.00	"	80.0		106	50-130				
Perfluoroundecanoic acid (PFUnA)	75.9	2.00	"	80.0		94.8	50-130				
Perfluorododecanoic acid (PFDoA)	79.8	2.00	"	80.0		99.8	50-130				
Perfluorotridecanoic acid (PFTrDA)	125	2.00	"	80.0		156	50-130	High Bias			
Perfluorotetradecanoic acid (PFTA)	78.3	2.00	"	80.0		97.9	50-130				
N-MeFOSAA	78.0	2.00	"	80.0		97.6	50-130				
N-EtFOSAA	101	2.00	"	80.0		127	50-130				
Perfluoropentanoic acid (PFPeA)	81.1	2.00	"	80.0		101	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	86.9	2.00	"	80.0		109	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	88.9	2.00	"	76.4		116	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	60.0	2.00	"	77.2		77.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	77.3	5.00	"	76.0		102	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.4	2.00	"	76.8		109	50-175				
Perfluoro-n-butanoic acid (PFBA)	82.1	2.00	"	80.0		103	50-130				
Surrogate: M3PFBS	*63.8*		*"*	*74.3*		*85.8*	*25-150*				
Surrogate: M5PFHxA	*80.4*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M4PFHpA	*90.5*		*"*	*80.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*55.7*		*"*	*75.7*		*73.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*84.7*		*"*	*80.0*		*106*	*25-150*				
Surrogate: M6PFDA	*86.9*		*"*	*80.0*		*109*	*25-150*				
Surrogate: M7PFUdA	*92.6*		*"*	*80.0*		*116*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*88.2*		*"*	*80.0*		*110*	*25-150*				
Surrogate: M2PFTeDA	*78.5*		*"*	*80.0*		*98.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*77.4*		*"*	*80.0*		*96.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*67.3*		*"*	*76.6*		*87.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.7*		*"*	*80.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*75.4*		*"*	*80.0*		*94.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*99.4*		*"*	*80.0*		*124*	*25-150*				
Surrogate: d5-N-EtFOSAA	*90.6*		*"*	*80.0*		*113*	*25-150*				
Surrogate: M2-6:2 FTS	*99.7*		*"*	*75.9*		*131*	*25-200*				
Surrogate: M2-8:2 FTS	*95.4*		*"*	*76.6*		*124*	*25-200*				
Surrogate: M9PFNA	*85.9*		*"*	*80.0*		*107*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30573 - SPE Ext-PFAS-EPA 537.1M

LCS Dup (BH30573-BSD1)   Prepared & Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	76.3	2.00	ng/L	70.8		108	50-130		4.76	30	
Perfluorohexanoic acid (PFHxA)	83.4	2.00	"	80.0		104	50-130		0.651	30	
Perfluoroheptanoic acid (PFHpA)	79.9	2.00	"	80.0		99.8	50-130		9.98	30	
Perfluorohexanesulfonic acid (PFHxS)	94.7	2.00	"	72.8		130	50-130		8.69	30	
Perfluorooctanoic acid (PFOA)	79.8	2.00	"	80.0		99.8	50-130		1.47	30	
Perfluorooctanesulfonic acid (PFOS)	76.0	2.00	"	74.0		103	50-130		9.45	30	
Perfluorononanoic acid (PFNA)	84.3	2.00	"	80.0		105	50-130		3.58	30	
Perfluorodecanoic acid (PFDA)	94.2	2.00	"	80.0		118	50-130		10.7	30	
Perfluoroundecanoic acid (PFUnA)	79.6	2.00	"	80.0		99.5	50-130		4.82	30	
Perfluorododecanoic acid (PFDoA)	81.0	2.00	"	80.0		101	50-130		1.49	30	
Perfluorotridecanoic acid (PFTrDA)	139	2.00	"	80.0		174	50-130	High Bias	11.0	30	
Perfluorotetradecanoic acid (PFTA)	83.2	2.00	"	80.0		104	50-130		6.06	30	
N-MeFOSAA	82.5	2.00	"	80.0		103	50-130		5.58	30	
N-EtFOSAA	85.6	2.00	"	80.0		107	50-130		16.9	30	
Perfluoropentanoic acid (PFPeA)	83.5	2.00	"	80.0		104	50-130		2.96	30	
Perfluoro-1-octanesulfonamide (FOSA)	90.3	2.00	"	80.0		113	50-130		3.80	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	86.7	2.00	"	76.4		113	50-130		2.50	30	
Perfluoro-1-decanesulfonic acid (PFDS)	69.0	2.00	"	77.2		89.3	50-130		13.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	87.2	5.00	"	76.0		115	50-175		12.1	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	83.0	2.00	"	76.8		108	50-175		0.446	30	
Perfluoro-n-butanoic acid (PFBA)	86.7	2.00	"	80.0		108	50-130		5.48	30	
Surrogate: M3PFBS	*54.1*		*"*	*74.3*		*72.7*	*25-150*				
Surrogate: M5PFHxA	*68.5*		*"*	*80.0*		*85.7*	*25-150*				
Surrogate: M4PFHpA	*73.7*		*"*	*80.0*		*92.1*	*25-150*				
Surrogate: M3PFHxS	*41.6*		*"*	*75.7*		*55.0*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*70.4*		*"*	*80.0*		*88.0*	*25-150*				
Surrogate: M6PFDA	*68.7*		*"*	*80.0*		*85.9*	*25-150*				
Surrogate: M7PFUdA	*75.1*		*"*	*80.0*		*93.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*73.9*		*"*	*80.0*		*92.4*	*25-150*				
Surrogate: M2PFTeDA	*74.4*		*"*	*80.0*		*93.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*64.6*		*"*	*80.0*		*80.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.6*		*"*	*76.6*		*70.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*68.8*		*"*	*80.0*		*86.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*63.0*		*"*	*80.0*		*78.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*79.6*		*"*	*80.0*		*99.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*81.0*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*73.0*		*"*	*75.9*		*96.2*	*25-200*				
Surrogate: M2-8:2 FTS	*74.4*		*"*	*76.6*		*97.1*	*25-200*				
Surrogate: M9PFNA	*71.7*		*"*	*80.0*		*89.6*	*25-150*				

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 BH30310 - EPA 3510C

Blank (BH30310-BLK1)   Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.219*		*"*	*0.200*		*109*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.117*		*"*	*0.200*		*58.7*	*30-150*				

LCS (BH30310-BS1)   Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
4,4'-DDD	0.0707	0.00400	ug/L	0.100		70.7	40-140				
4,4'-DDE	0.0696	0.00400	"	0.100		69.6	40-140				
4,4'-DDT	0.0723	0.00400	"	0.100		72.3	40-140				
Aldrin	0.0545	0.00400	"	0.100		54.5	40-140				
alpha-BHC	0.0535	0.00400	"	0.100		53.5	40-140				
alpha-Chlordane	0.0627	0.00400	"	0.100		62.7	40-140				
beta-BHC	0.0605	0.00400	"	0.100		60.5	40-140				
delta-BHC	0.0565	0.00400	"	0.100		56.5	40-140				
Dieldrin	0.0651	0.00200	"	0.100		65.1	40-140				
Endosulfan I	0.0625	0.00400	"	0.100		62.5	40-140				
Endosulfan II	0.0697	0.00400	"	0.100		69.7	40-140				
Endosulfan sulfate	0.0696	0.00400	"	0.100		69.6	40-140				
Endrin	0.0665	0.00400	"	0.100		66.5	40-140				
Endrin aldehyde	0.0776	0.0100	"	0.100		77.6	40-140				
Endrin ketone	0.0714	0.0100	"	0.100		71.4	40-140				
gamma-BHC (Lindane)	0.0557	0.00400	"	0.100		55.7	40-140				
gamma-Chlordane	0.0626	0.0100	"	0.100		62.6	40-140				
Heptachlor	0.0625	0.00400	"	0.100		62.5	40-140				
Heptachlor epoxide	0.0632	0.00400	"	0.100		63.2	40-140				
Methoxychlor	0.0814	0.00400	"	0.100		81.4	40-140				
Surrogate: Decachlorobiphenyl	*0.158*		*"*	*0.200*		*79.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.103*		*"*	*0.200*		*51.7*	*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 BH30310 - EPA 3510C

LCS Dup (BH30310-BSD1)   Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
4,4'-DDD	0.0734	0.00400	ug/L	0.100		73.4	40-140		3.70	20	
4,4'-DDE	0.0737	0.00400	"	0.100		73.7	40-140		5.77	20	
4,4'-DDT	0.0770	0.00400	"	0.100		77.0	40-140		6.28	20	
Aldrin	0.0546	0.00400	"	0.100		54.6	40-140		0.238	20	
alpha-BHC	0.0534	0.00400	"	0.100		53.4	40-140		0.170	20	
alpha-Chlordane	0.0660	0.00400	"	0.100		66.0	40-140		5.04	20	
beta-BHC	0.0598	0.00400	"	0.100		59.8	40-140		1.16	20	
delta-BHC	0.0569	0.00400	"	0.100		56.9	40-140		0.732	20	
Dieldrin	0.0668	0.00200	"	0.100		66.8	40-140		2.56	20	
Endosulfan I	0.0641	0.00400	"	0.100		64.1	40-140		2.47	20	
Endosulfan II	0.0711	0.00400	"	0.100		71.1	40-140		2.03	20	
Endosulfan sulfate	0.0699	0.00400	"	0.100		69.9	40-140		0.460	20	
Endrin	0.0682	0.00400	"	0.100		68.2	40-140		2.60	20	
Endrin aldehyde	0.0797	0.0100	"	0.100		79.7	40-140		2.67	20	
Endrin ketone	0.0743	0.0100	"	0.100		74.3	40-140		4.03	20	
gamma-BHC (Lindane)	0.0560	0.00400	"	0.100		56.0	40-140		0.514	20	
gamma-Chlordane	0.0636	0.0100	"	0.100		63.6	40-140		1.51	20	
Heptachlor	0.0629	0.00400	"	0.100		62.9	40-140		0.724	20	
Heptachlor epoxide	0.0622	0.00400	"	0.100		62.2	40-140		1.63	20	
Methoxychlor	0.0836	0.00400	"	0.100		83.6	40-140		2.67	20	
Surrogate: Decachlorobiphenyl	*0.155*		*"*	*0.200*		*77.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.107*		*"*	*0.200*		*53.7*	*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 BH30310 - EPA 3510C

Blank (BH30310-BLK2) Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.106*		"	*0.200*		*53.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.322*		"	*0.200*		*161*	*30-120*				

LCS (BH30310-BS2) Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Aroclor 1016	0.764	0.0500	ug/L	1.00		76.4	40-120				
Aroclor 1260	0.776	0.0500	"	1.00		77.6	40-120				
Surrogate: Tetrachloro-m-xylene	*0.119*		"	*0.200*		*59.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.115*		"	*0.200*		*57.5*	*30-120*				

LCS Dup (BH30310-BSD2) Prepared: 08/04/2023 Analyzed: 08/07/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Aroclor 1016	0.702	0.0500	ug/L	1.00		70.2	40-120		8.43	30	
Aroclor 1260	0.741	0.0500	"	1.00		74.1	40-120		4.61	30	
Surrogate: Tetrachloro-m-xylene	*0.115*		"	*0.200*		*57.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.138*		"	*0.200*		*69.0*	*30-120*				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30473 - EPA 3015A

Blank (BH30473-BLK1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Arsenic	ND	0.017	mg/L								
Barium	ND	0.028	"								
Cadmium	ND	0.003	"								
Chromium	ND	0.006	"								
Lead	ND	0.006	"								
Selenium	ND	0.028	"								
Silver	ND	0.006	"								

LCS (BH30473-BS1)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Arsenic	2.13		mg/L	2.00		107	80-120				
Barium	2.20		"	2.00		110	80-120				
Cadmium	0.052		"	0.0500		105	80-120				
Chromium	0.206		"	0.200		103	80-120				
Lead	0.525		"	0.500		105	80-120				
Selenium	1.53		"	2.00		76.4	80-120	Low Bias			
Silver	0.050		"	0.0500		99.6	80-120				

Duplicate (BH30473-DUP1)   *Source sample: 23H0152-08 (Duplicate)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Arsenic	ND	0.017	mg/L		ND					20	
Barium	44.0	0.028	"		44.1				0.0342	20	
Cadmium	ND	0.003	"		ND					20	
Chromium	ND	0.006	"		ND					20	
Lead	ND	0.006	"		ND					20	
Selenium	0.211	0.028	"		0.204				3.21	20	
Silver	ND	0.006	"		ND					20	

Matrix Spike (BH30473-MS1)   *Source sample: 23H0152-08 (Matrix Spike)   Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Arsenic	2.40	0.017	mg/L	2.22	ND	108	75-125				
Barium	45.2	0.028	"	2.22	44.1	50.5	75-125	Low Bias			
Cadmium	0.053	0.003	"	0.0556	ND	95.7	75-125				
Chromium	0.204	0.006	"	0.222	ND	91.8	75-125				
Lead	0.472	0.006	"	0.556	ND	85.0	75-125				
Selenium	1.95	0.028	"	2.22	0.204	78.8	75-125				
Silver	0.055	0.006	"	0.0556	ND	98.8	75-125				

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30473 - EPA 3015A

Post Spike (BH30473-PS1) *Source sample: 23H0152-08 (Post Spike)* Prepared: 08/08/2023 Analyzed: 08/09/2023

Analyte	Result		Units	Spike Level	Source* Result	%REC	%REC Limits
Arsenic	2.39		mg/L	2.00	-0.021	120	75-125
Barium	41.8		"	2.00	39.7	108	75-125
Cadmium	0.053		"	0.0500	0.002	103	75-125
Chromium	0.196		"	0.200	0.005	95.6	75-125
Lead	0.468		"	0.500	-0.023	93.7	75-125
Selenium	1.93		"	2.00	0.184	87.5	75-125
Silver	0.053		"	0.0500	-0.005	106	75-125

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Page 37 of 42

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 BH30569 - EPA SW846-7470A											
Blank (BH30569-BLK1)							Prepared & Analyzed: 08/09/2023				
Mercury	ND	0.0002	mg/L								
Blank (BH30569-BLK2)							Prepared & Analyzed: 08/09/2023				
Mercury	ND	0.0002	mg/L								
LCS (BH30569-BS1)							Prepared & Analyzed: 08/09/2023				
Mercury	0.0019321	0.0002	mg/L	0.00200		96.6	80-120				
LCS (BH30569-BS2)							Prepared & Analyzed: 08/09/2023				
Mercury	0.0019573	0.0002	mg/L	0.00200		97.9	80-120				

Lab ID	Client Sample ID	Volatile Sample Container
23H0121-01	IV5-IDW-WC-01	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
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.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
PF-CCV-L	The CCV recovery was slightly below acceptable limits for the qualified compound. However, sample results are not biased low because results are corrected for isotope recovery.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
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.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-PR	Sample was prepared outside of the recommended holding time.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
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).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
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.

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Page 40 of 42

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.

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Page 41 of 42

Field Chain-of-Custody Record

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Stratford, CT 06615   Queens, NY 11418
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YORK
ANALYTICAL LABORATORIES INC

NOTE: 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.

Turn-Around Time

RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day) [X]

YOUR Information

	Report To:	Invoice To:
Company:	LaBella Associates / LaBella	LaBella
Address:	4 British American Blvd Latham, NY 12110	3↑ Fox St Poughkeepsie, NY
Phone:	518-266-7355	
Contact:	Branson Fields	Accounts Payable
E-mail:	bfields@labellapc.com	AP@labellapc.com

YOUR Project Number
2222335

YOUR Project Name
IVS - Newburgh Warehouse

YOUR PO#: 2222335

Report / EDD Type (circle selections)

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in) ___

CT RCP   Standard Excel EDD (circled)
CT RCP DQA/DUE   EQuIS (Standard)
NJDEP Reduced Deliverables   NYSDEC EQuIS
NJDKQP   NJDEP SRP HazSite
Other:

(Summary Report circled)
QA Report
NY ASP A Package
NY ASP B Package

Samples From

New York [X]
New Jersey
Connecticut
Pennsylvania
Other

Matrix Codes

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

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.

Samples Collected by: (print your name above and sign below)
Branson Fields

Container Description
3× 40ml 4% HCl,
1×250 w/H2SO4,
2×250 HDPE
1×250 HDPE

Analysis Requested

Sample Identification	Sample Matrix	Date/Time Sampled					
IVS-IDW-WC-01	GW	7/31/23 @ 1415	TCL VOCs, TCL SVOCs, RCRA Metals (total), Pesticides, PCBs, PFAS (537)				
Field Blank	Other	7/31/23 @1425	PFAS (537)				

Preservation: (check all that apply)

HCl [X]   MeOH   HNO3 [X]   H2SO4 [X]   NaOH   ZnAc
Ascorbic Acid   Other: Ice

Special Instruction

Field Filtered ___
Lab to Filter ___

Date/Time: 8-2-23 1435

Temp. Received at Lab: 2.0   Degrees C

Comments:

	Date/Time	
Samples Relinquished by / Company: Branson Fields/LaBella	8/1/23 @1130	Samples Received by / Company: Chris York 8-2-23 10:30
Samples Received by / Company: Chris York		Samples Relinquished by / Company:
Samples Relinquished by / Company:		Samples Received by / Company:
Samples Relinquished by / Company:		Samples Received in LAB by: CH 8/2/23 1435

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. N/A		Manifest Document No. 2023-2053(2)	2. Page 1 of 1

3. Generator's Name and Mailing Address
Dupont - Strauster Landfill
700 South St. & Pierce Rd Newburg, NY 12550

Site # 336009

4. Generator's Phone (518) 824 - 1928

5. Transporter 1 Company Name SVS Inc.	6. US EPA ID Number		A. State Transporter's ID 4A-708
Corbett Industrial Cleaning	NYR000235168		B. Transporter 1 Phone (518) 439-3950

7. Transporter 2 Company Name	8. US EPA ID Number		C. State Transporter's ID
Veolia ES Technical Solutions	NJD080671317		D. Transporter 2 Phone

9. Designated Facility Name and Site Address LLC 10. US EPA ID Number
Veolia ES Technical Solutions
125 Factory Lane
Middlesex, NJ 08846 NJD002454544

E. State Facility's ID

F. Facility's Phone (732) 469-5100

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON RCRA NON DOT Regulated (Decon Water) Liquid	2	DM	500	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
1/9) WID 1179024 MAILWATER - NH

H. Handling Codes for Wastes Listed Above
NJ-ID-72

15. Special Handling Instructions and Additional Information

Lic. Plate # 24965NA (NY)

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Agent for Generator

Printed/Typed Name Will Shippey	Signature	Date Month 10 Day 12 Year 23

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Will Shippey	Signature	Date Month 10 Day 12 Year 23

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Chris Lewis	Signature	Date Month 10 Day 12 Year 23

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name	Signature	Date Month Day Year

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